

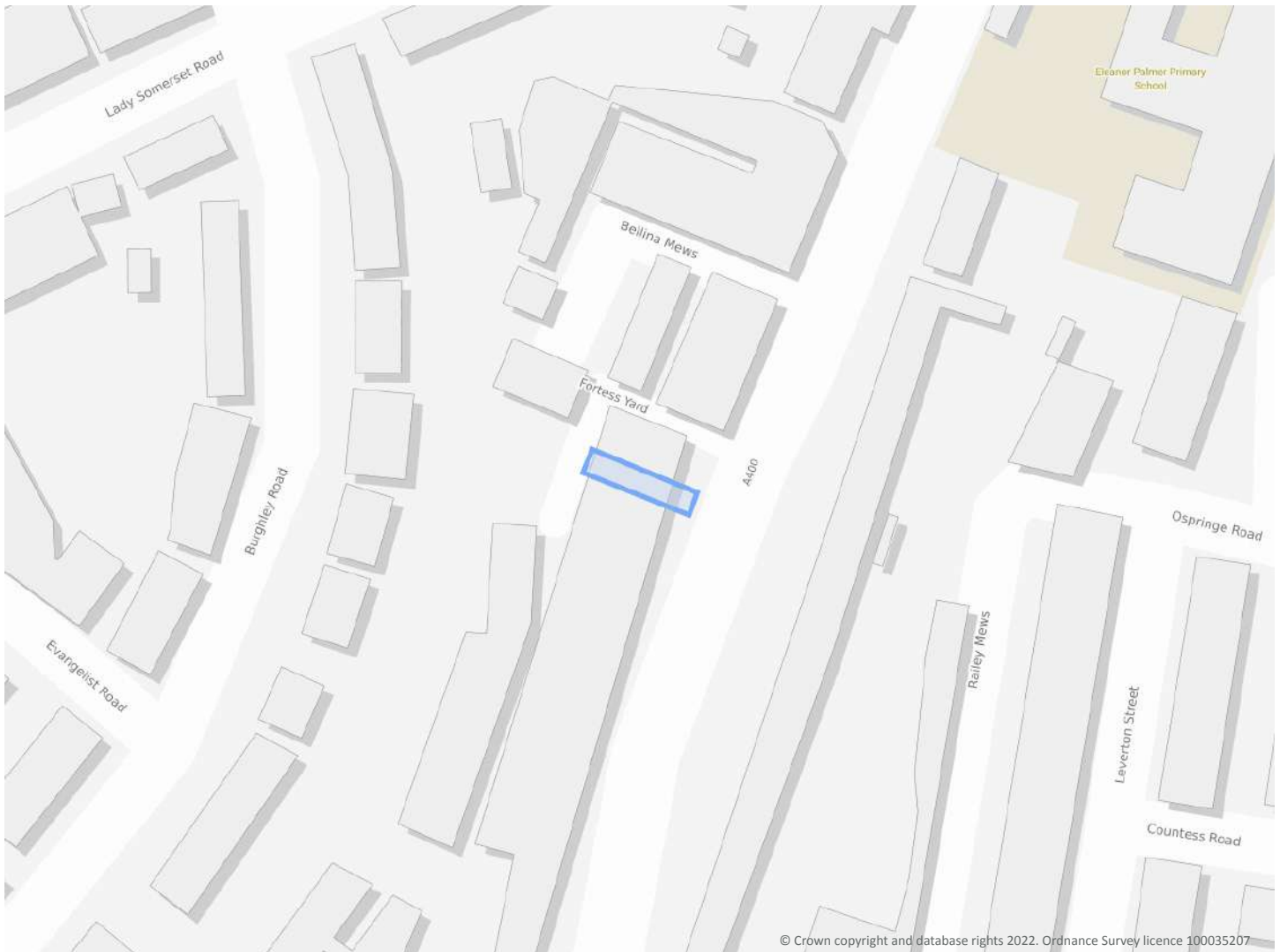
BASEMENT FLAT, 57, FORTRESS ROAD, LONDON, NW5 1AD

Order Details

Date: 25/01/2022
Your ref: A4593_Fortress_Road_
Our Ref: GS-8472037
Client: Earth Environmental & Geotechnical Ltd

Site Details

Location: 528998 185556
Area: 0.01 ha
Authority: [London Borough of Camden](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.13 groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	Historical industrial land uses	0	0	13	129	-
20	1.2	Historical tanks	0	0	1	18	-
21	1.3	Historical energy features	0	0	5	17	-
22	1.4	Historical petrol stations	0	0	0	0	-
22	1.5	Historical garages	0	0	7	17	-
23	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
24	2.1	Historical industrial land uses	0	0	19	175	-
32	2.2	Historical tanks	0	0	4	38	-
33	2.3	Historical energy features	0	0	17	60	-
36	2.4	Historical petrol stations	0	0	0	0	-
37	2.5	Historical garages	0	0	10	32	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
39	3.1	Active or recent landfill	0	0	0	0	-
39	3.2	Historical landfill (BGS records)	0	0	0	0	-
40	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
40	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
40	3.5	Historical waste sites	0	0	0	5	-
41	3.6	Licensed waste sites	0	0	0	4	-
42	3.7	Waste exemptions	0	0	1	21	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
45	4.1	Recent industrial land uses	0	2	17	-	-
47	4.2	Current or recent petrol stations	0	0	0	1	-
47	4.3	Electricity cables	0	0	0	0	-
47	4.4	Gas pipelines	0	0	0	0	-
47	4.5	Sites determined as Contaminated Land	0	0	1	0	-



48	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
48	4.7	Regulated explosive sites	0	0	0	0	-
48	4.8	Hazardous substance storage/usage	0	0	0	0	-
48	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
49	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
49	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	3	18	-
52	4.12	Radioactive Substance Authorisations	0	0	0	0	-
52	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
52	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
52	4.15	Pollutant release to public sewer	0	0	0	0	-
52	4.16	List 1 Dangerous Substances	0	0	0	0	-
53	4.17	List 2 Dangerous Substances	0	0	0	0	-
53	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	1	-
53	4.19	Pollution inventory substances	0	0	0	0	-
53	4.20	Pollution inventory waste transfers	0	0	0	0	-
54	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
55	5.1	Superficial aquifer	None (within 500m)				
56	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
57	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
58	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
58	5.5	Groundwater vulnerability- local information	None (within 0m)				
59	5.6	<u>Groundwater abstractions</u>	0	0	0	0	10
62	5.7	<u>Surface water abstractions</u>	0	0	0	0	2
63	5.8	<u>Potable abstractions</u>	0	0	0	0	2
63	5.9	Source Protection Zones	0	0	0	0	-
64	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
65	6.1	Water Network (OS MasterMap)	0	0	0	-	-



65	6.2	Surface water features	0	0	0	-	-
66	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
66	6.4	WFD Surface water bodies	0	0	0	-	-
66	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
67	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
67	7.2	Historical Flood Events	0	0	0	-	-
67	7.3	Flood Defences	0	0	0	-	-
68	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
68	7.5	Flood Storage Areas	0	0	0	-	-
69	7.6	Flood Zone 2	None (within 50m)				
69	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
70	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
72	9.1	<u>Groundwater flooding</u>	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
73	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
74	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
74	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
74	10.4	Special Protection Areas (SPA)	0	0	0	0	0
74	10.5	National Nature Reserves (NNR)	0	0	0	0	0
75	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	2
75	10.7	Designated Ancient Woodland	0	0	0	0	0
75	10.8	Biosphere Reserves	0	0	0	0	0
75	10.9	Forest Parks	0	0	0	0	0
76	10.10	Marine Conservation Zones	0	0	0	0	0
76	10.11	Green Belt	0	0	0	0	0
76	10.12	Proposed Ramsar sites	0	0	0	0	0



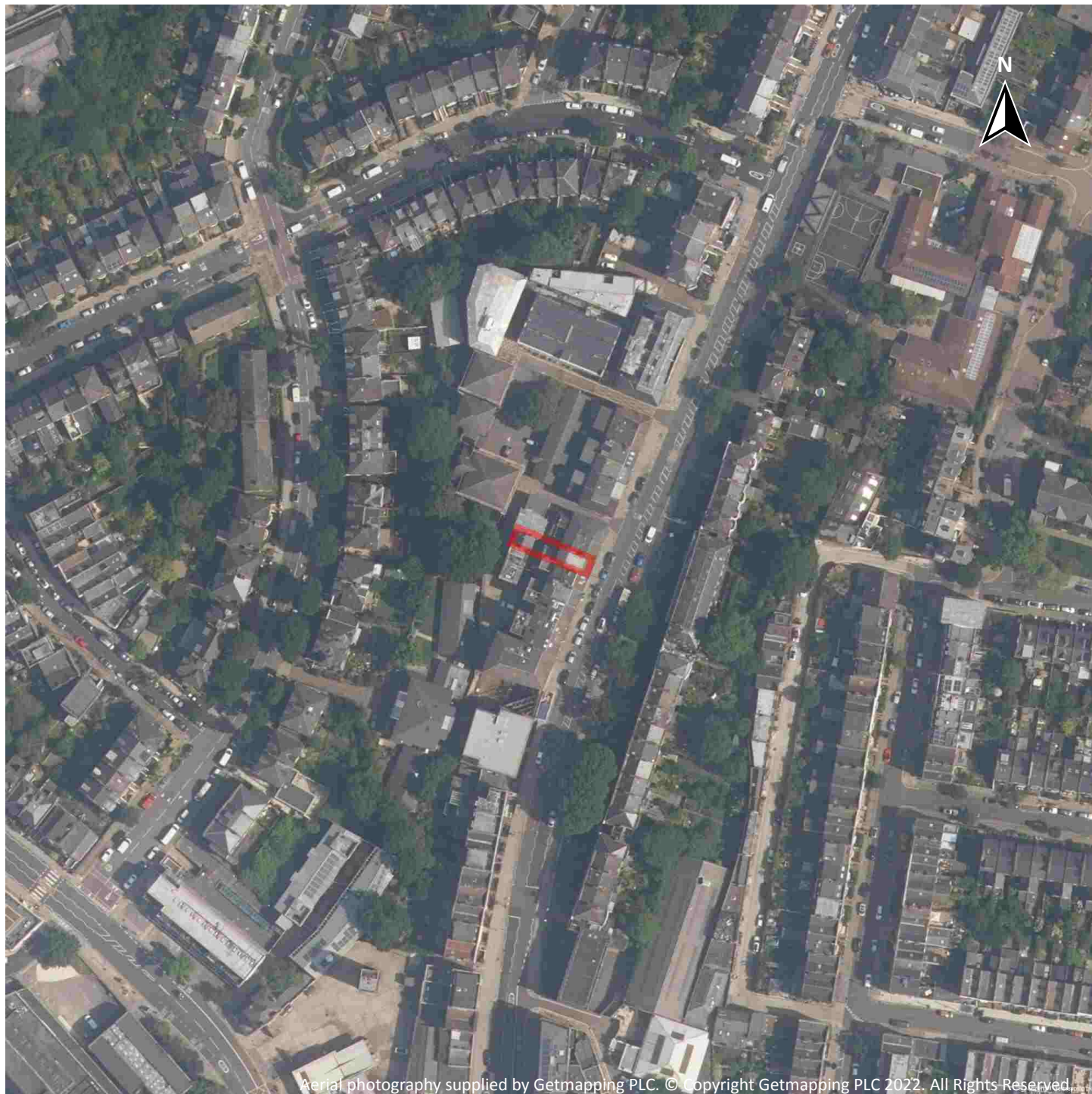
76	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
76	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
77	10.15	Nitrate Sensitive Areas	0	0	0	0	0
77	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
78	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
79	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
80	11.1	World Heritage Sites	0	0	0	-	-
81	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
81	11.3	National Parks	0	0	0	-	-
81	<u>11.4</u>	<u>Listed Buildings</u>	0	0	8	-	-
82	<u>11.5</u>	<u>Conservation Areas</u>	0	0	2	-	-
82	11.6	Scheduled Ancient Monuments	0	0	0	-	-
83	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
84	<u>12.1</u>	<u>Agricultural Land Classification</u>	Urban (within 250m)				
85	12.2	Open Access Land	0	0	0	-	-
85	12.3	Tree Felling Licences	0	0	0	-	-
85	12.4	Environmental Stewardship Schemes	0	0	0	-	-
85	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
86	<u>13.1</u>	<u>Priority Habitat Inventory</u>	0	0	3	-	-
87	13.2	Habitat Networks	0	0	0	-	-
87	13.3	Open Mosaic Habitat	0	0	0	-	-
87	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
88	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
89	<u>14.2</u>	<u>Artificial and made ground (10k)</u>	0	0	1	1	-
90	14.3	Superficial geology (10k)	0	0	0	0	-

90	14.4	Landslip (10k)	0	0	0	0	-
91	14.5	<u>Bedrock geology (10k)</u>	1	0	0	0	-
92	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
93	15.1	<u>50k Availability</u>	Identified (within 500m)				
94	15.2	<u>Artificial and made ground (50k)</u>	0	0	1	1	-
95	15.3	Artificial ground permeability (50k)	0	0	-	-	-
96	15.4	Superficial geology (50k)	0	0	0	0	-
96	15.5	Superficial permeability (50k)	None (within 50m)				
96	15.6	Landslip (50k)	0	0	0	0	-
96	15.7	Landslip permeability (50k)	None (within 50m)				
97	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
98	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
98	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
99	16.1	<u>BGS Boreholes</u>	0	0	5	-	-
Page	Section	Natural ground subsidence					
101	17.1	<u>Shrink swell clays</u>	Moderate (within 50m)				
102	17.2	<u>Running sands</u>	Very low (within 50m)				
103	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
104	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
105	17.5	<u>Landslides</u>	Very low (within 50m)				
106	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
108	18.1	Natural cavities	0	0	0	0	-
109	18.2	BritPits	0	0	0	0	-
109	18.3	<u>Surface ground workings</u>	0	0	6	-	-
109	18.4	<u>Underground workings</u>	0	0	0	21	3
110	18.5	Historical Mineral Planning Areas	0	0	0	0	-



111	18.6	Non-coal mining	0	0	0	0	0
111	18.7	Mining cavities	0	0	0	0	0
111	18.8	JPB mining areas	None (within 0m)				
111	18.9	Coal mining	None (within 0m)				
111	18.10	Brine areas	None (within 0m)				
112	18.11	Gypsum areas	None (within 0m)				
112	18.12	Tin mining	None (within 0m)				
112	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
113	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
114	20.1	<u>BGS Estimated Background Soil Chemistry</u>	3	0	-	-	-
114	20.2	<u>BGS Estimated Urban Soil Chemistry</u>	2	2	-	-	-
115	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
116	21.1	<u>Underground railways (London)</u>	0	1	0	-	-
117	21.2	Underground railways (Non-London)	0	0	0	-	-
117	21.3	Railway tunnels	0	0	0	-	-
117	21.4	<u>Historical railway and tunnel features</u>	0	0	2	-	-
117	21.5	Royal Mail tunnels	0	0	0	-	-
118	21.6	Historical railways	0	0	0	-	-
118	21.7	Railways	0	0	0	-	-
118	21.8	Crossrail 1	0	0	0	0	-
118	21.9	Crossrail 2	0	0	0	0	-
118	21.10	HS2	0	0	0	0	-

Recent aerial photograph

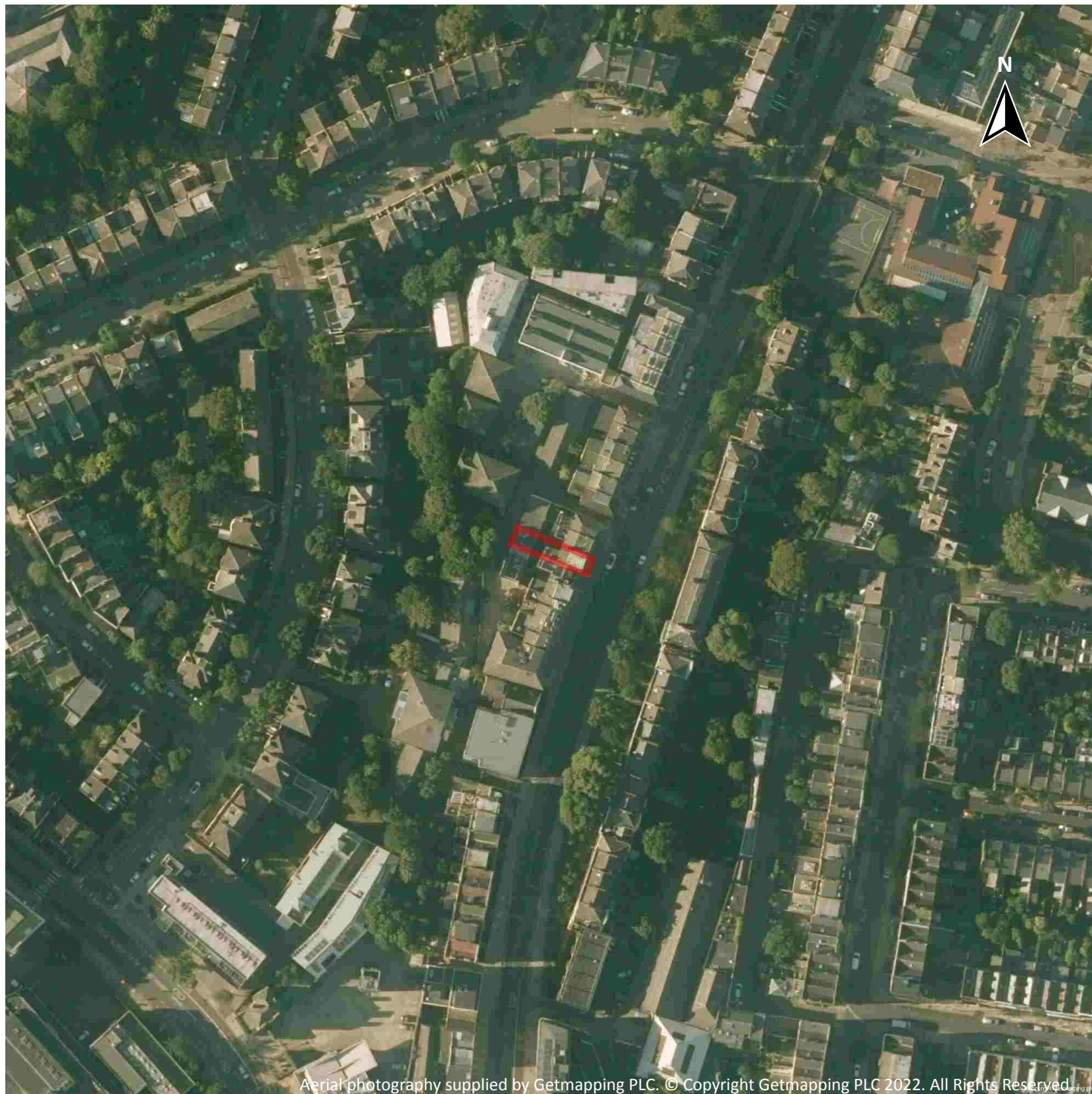


Capture Date: 29/06/2019

Site Area: 0.01ha



Recent site history - 2016 aerial photograph

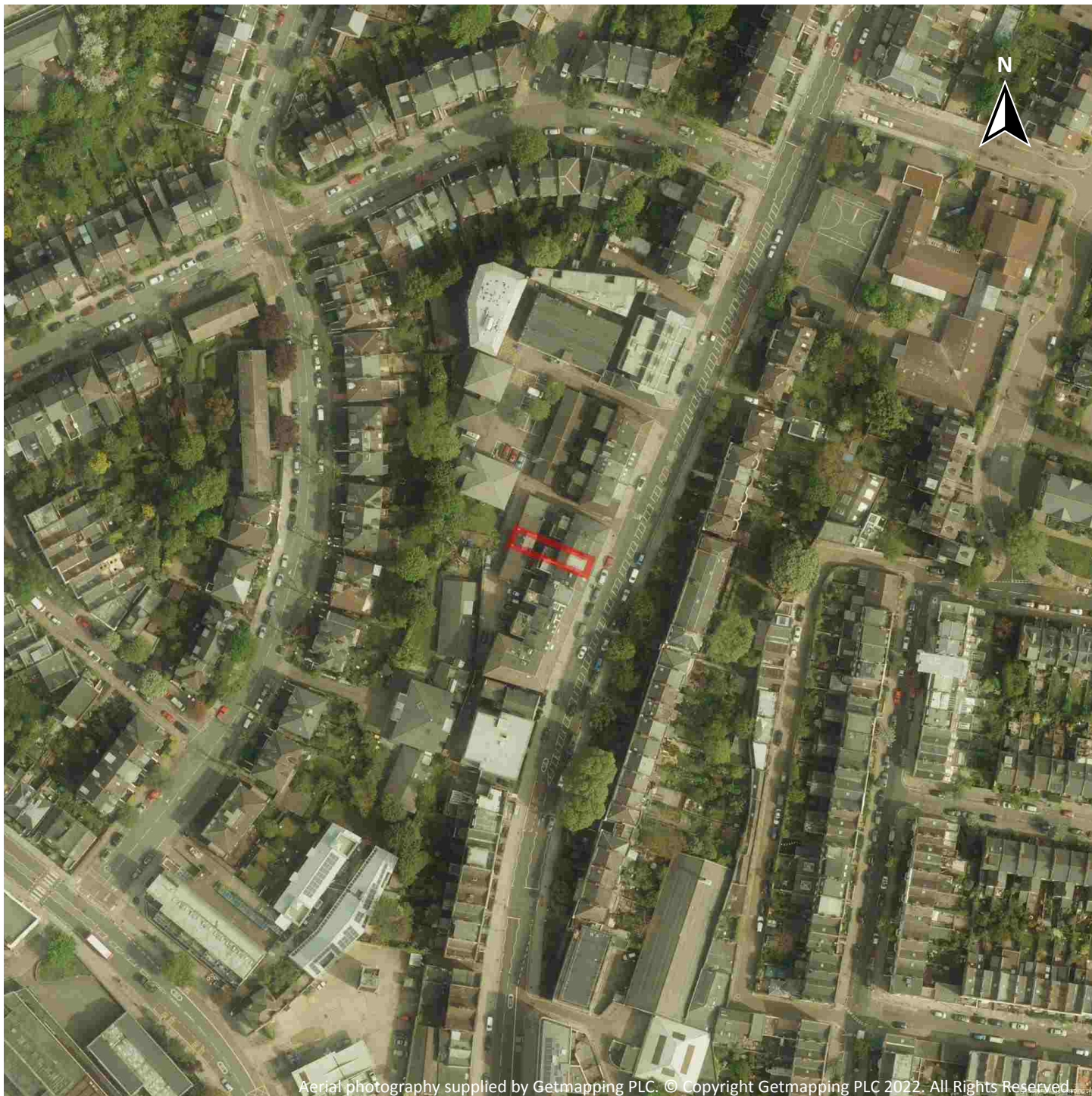


Capture Date: 12/08/2016

Site Area: 0.01ha



Recent site history - 2014 aerial photograph

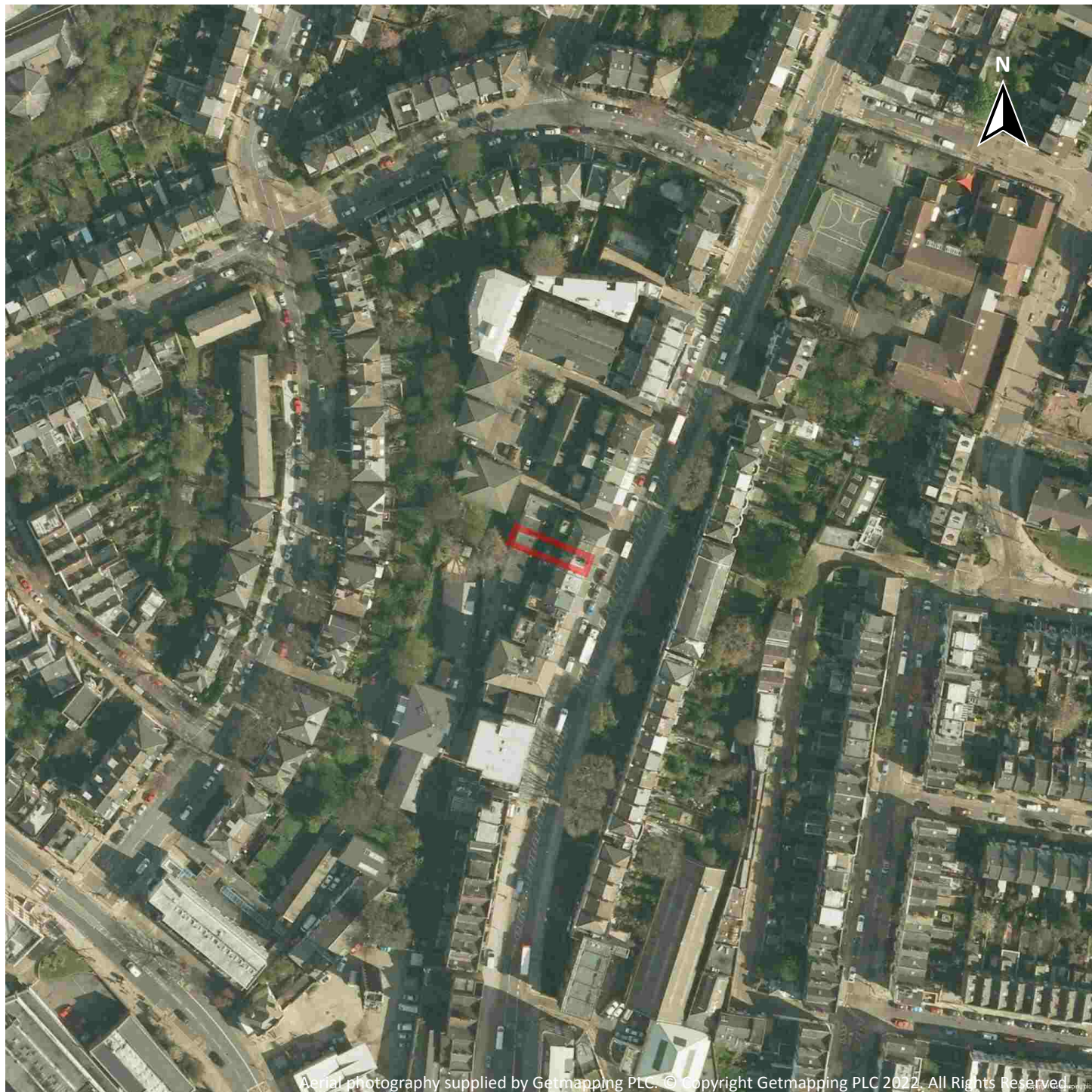


Capture Date: 04/05/2014

Site Area: 0.01ha



Recent site history - 2008 aerial photograph



Capture Date: 15/04/2008

Site Area: 0.01ha



Recent site history - 1999 aerial photograph



Capture Date: 04/09/1999

Site Area: 0.01ha



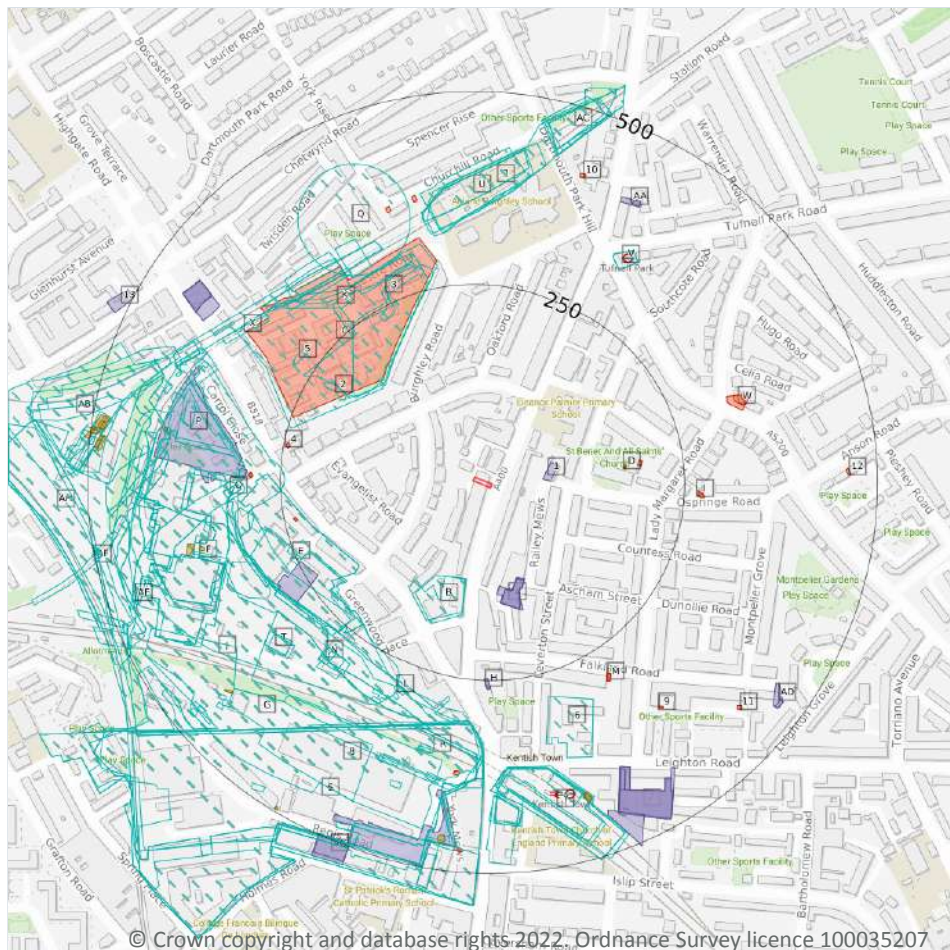
The map displays the Fortess Yard area, which is a large, irregularly shaped plot of land. The yard is divided into several smaller plots, some of which are numbered. A red rectangle highlights a specific area within the yard, likely the proposed development site. The yard is bordered by Palmer House to the east and Fortess Yard to the west. The map includes a north arrow and a scale bar indicating 45.8m. The area is bounded by Palmer House to the east and Fortess Yard to the west. The proposed development site is located within the Fortess Yard area, adjacent to the Palmer House boundary. The map also shows surrounding streets and other properties, including a large green area to the south and a yellow area to the north.

Key features and labels on the map include:

- Fortess Yard:** The central area of the map, containing several plots.
- Palmer House:** A large building to the east of the yard, with a red cross marking a point 45.1m from the yard boundary.
- Proposed Development Site:** A red rectangle within the Fortess Yard area.
- Plot Numbers:** Various numbers are scattered across the map, including 1, 4 to 5, 12.5, 25, 31 to 13, 33, 43 45, 47, 53, 61, 63, 69, 71, 73, 74, 75, 9 to 20, and 14.
- Streets:** The map shows the layout of streets surrounding the yard, including a street to the north and a street to the east.
- Green Area:** A large green area is located to the south of the yard, possibly a park or open space.
- Yellow Area:** A yellow area is located to the north of the yard, possibly a residential or commercial area.
- North Arrow:** A black arrow pointing north, with a red cross marking a point 45.8m from the yard boundary.
- Scale Bar:** A red cross marking a point 45.1m from the yard boundary.



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

142

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
B	122m S	Fire Station	1974 - 1996	2272345



ID	Location	Land use	Dates present	Group ID
B	123m S	Fire Station	1965	2266635
C	166m NW	Electric Generating Station	1920 - 1938	2217297
C	169m NW	Unspecified Heap	1958 - 1965	2259136
C	173m NW	Unspecified Heap	1938 - 1949	2226964
E	184m SW	Bottling Stores	1949	2171545
E	184m SW	Unspecified Commercial/Industrial	1958 - 1965	2227452
2	196m NW	Unspecified Ground Workings	1920	2133649
E	209m SW	Bottling Stores	1920	2184167
E	213m SW	Unspecified Stores	1938	2166155
3	233m NW	Unspecified Ground Workings	1920	2133650
F	233m SW	Unspecified Depot	1974 - 1996	2213276
G	235m SW	Railway Sidings	1958 - 1965	2196285
F	262m SW	Railway Sidings	1938	2251278
G	262m SW	Railway Sidings	1949	2201132
5	270m NW	Unspecified Ground Workings	1920	2133651
G	270m SW	Railway Sidings	1879 - 1938	2292069
J	270m SW	Railway Sidings	1894	2202006
J	270m SW	Unspecified Commercial/Industrial	1894	2258942
K	277m NW	Railway Sidings	1920	2256616
L	280m S	Railway Building	1938 - 1949	2213713
6	281m S	Hospital	1949	2164268
N	285m SW	Railway Building	1958 - 1965	2181090
N	285m SW	Railway Building	1949	2220762
N	286m SW	Railway Building	1920 - 1938	2262478
L	291m S	Railway Building	1920	2149189
G	292m SW	Railway Sidings	1869	2235555
N	292m SW	Cuttings	1869	2129647
Q	296m NW	Miniature Rifle Range	1920 - 1938	2252648



ID	Location	Land use	Dates present	Group ID
F	296m W	Locomotive Sheds	1949	2218252
F	296m W	Unspecified Commercial/Industrial	1958 - 1965	2223074
F	297m W	Locomotive Sheds	1920 - 1938	2185475
L	298m SW	Railway Building	1938 - 1949	2174921
F	298m SW	Unspecified Heap	1894	2136560
O	301m W	Railway Building	1869	2205903
O	301m W	Railway Building	1879	2288232
K	303m NW	Cuttings	1949	2266612
R	303m S	Railway Sidings	1911 - 1938	2271564
S	306m S	Unspecified Works	1894	2192700
S	306m S	Unspecified Works	1911	2285604
S	307m S	Railway Land	1911	2141011
K	308m NW	Tunnel	1958 - 1974	2173979
L	308m SW	Railway Building	1920	2149191
K	312m NW	Cuttings	1894 - 1920	2170093
K	313m NW	Cuttings	1869	2194076
K	313m NW	Cuttings	1879	2229357
T	314m SW	Railway Building	1869	2179238
T	314m SW	Railway Building	1879	2256155
T	315m SW	Railway Building	1894	2241166
U	317m N	Cuttings	1894	2227909
7	319m N	Cuttings	1920	2293077
U	320m N	Cuttings	1938	2270779
P	320m W	Railway Sidings	1920	2207333
V	323m NE	Unspecified Station	1958	2167948
V	323m NE	London Transport Station	1965 - 1996	2210487
S	324m S	Railway Sidings	1911	2222278
S	324m S	Railway Sidings	1894	2283601



ID	Location	Land use	Dates present	Group ID
K	324m NW	Cuttings	1949	2226109
U	324m N	Cuttings	1949 - 1958	2184581
J	333m W	Railway Building	1894	2206292
X	334m NW	Tunnel	1958 - 1974	2264020
U	338m N	Cuttings	1869	2188721
U	338m N	Cuttings	1879	2260613
J	341m W	Unspecified Sheds	1879	2230763
J	341m W	Unspecified Sheds	1869	2262061
R	343m S	Railway Building	1949	2242612
R	347m S	Railway Building	1920	2238984
8	350m SW	Unspecified Depot	1974	2147191
Y	364m S	Railway Station	1938	2194819
Y	364m S	Railway Station	1920	2270353
Y	364m S	Railway Station	1958	2250949
Y	364m S	Railway Station	1965 - 1974	2271048
G	366m SW	Railway Sidings	1974	2225965
Y	366m S	Railway Station	1949	2290164
Y	367m S	Railway Station	1882 - 1894	2270337
X	370m NW	Railway Station	1894	2152656
R	371m S	Railway Building	1958 - 1965	2217449
P	371m W	Railway Building	1920	2148994
Y	373m S	Railway Station	1911	2254581
R	374m S	Railway Buildings	1949	2163530
P	374m NW	Railway Station	1920 - 1938	2248995
R	377m S	Railway Building	1958 - 1965	2246949
Y	378m S	Railway Station	1996	2255206
P	387m NW	Railway Station	1894	2217186
P	391m NW	Railway Station	1879	2179401



ID	Location	Land use	Dates present	Group ID
P	391m NW	Railway Station	1869	2196930
P	392m W	Railway Building	1920 - 1938	2207414
F	396m W	Unspecified Ground Workings	1869	2173327
F	396m W	Unspecified Ground Workings	1879	2204418
P	397m W	Chimney	1965	2165096
Y	398m S	Unspecified Station	1920	2225490
P	398m W	Unspecified Pit	1869	2216770
P	398m W	Unspecified Pit	1879	2261201
Y	399m S	Unspecified Station	1958	2205908
Y	399m S	London Transport Station	1965 - 1996	2247463
R	400m S	Railway Building	1882	2149190
Y	400m S	Electricity Station	1938	2151302
P	401m W	Cuttings	1894	2129646
P	409m W	Railway Building	1938	2148993
AB	412m W	Railway Sidings	1949	2207266
AB	421m W	Railway Sidings	1920	2193426
P	421m W	Railway Sidings	1920	2217385
J	421m SW	Railway Building	1920	2174084
J	422m SW	Railway Building	1949	2186219
AB	422m W	Railway Sidings	1894	2173488
G	424m SW	Railway Building	1938	2172535
G	425m SW	Railway Building	1949	2268360
AB	425m W	Railway Sidings	1958	2259110
F	428m W	Railway Building	1869	2221564
F	428m W	Railway Building	1879	2254052
AC	431m N	Cuttings	1938	2170846
AC	435m N	Cuttings	1949	2233605
G	435m SW	Railway Building	1920	2237106



ID	Location	Land use	Dates present	Group ID
AC	438m N	Cuttings	1894	2192050
AC	438m N	Cuttings	1879	2194458
AC	438m N	Cuttings	1869	2213901
G	457m SW	Railway Building	1938	2149194
G	458m SW	Railway Buildings	1949	2163531
AE	460m W	Railway Building	1949	2149199
R	463m S	Police Station	1965	2257769
R	464m S	Unspecified Commercial/Industrial	1949	2130950
AE	465m W	Railway Building	1920	2149198
AF	466m W	Tunnel	1958 - 1996	2174779
G	466m SW	Railway Building	1920	2149195
AB	466m W	Unspecified Depot	1965 - 1974	2185501
AB	476m W	Unspecified Tanks	1938 - 1949	2206331
G	476m SW	Unspecified Ground Workings	1920	2133648
S	480m SW	Railway Building	1920 - 1938	2191956
R	481m S	Police Station	1974 - 1996	2256479
AB	481m W	Railway Building	1958	2193057
AB	484m W	Unspecified Depot	1996	2230352
AB	485m W	Railway Building	1938	2237830
AB	485m W	Unspecified Tank	1920	2154772
AE	485m SW	Railway Building	1938	2149197
AE	488m W	Tunnel	1958 - 1996	2229245
AE	489m SW	Tunnel	1958 - 1996	2173457
AF	489m W	Unspecified Shaft	1974 - 1996	2281042
AF	491m W	Unspecified Shaft	1965	2179372
AB	493m W	Railway Building	1949	2281266
AH	496m W	Railway Sidings	1958	2193150
AH	496m W	Railway Sidings	1949	2259669



ID	Location	Land use	Dates present	Group ID
AH	500m W	Railway Sidings	1920	2217130

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	19
----------------------------	-----------

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
D	172m E	Unspecified Tank	1975 - 1991	392055
F	358m W	Unspecified Tank	1936 - 1952	380970
F	372m W	Tanks	1896	376387
P	402m W	Unspecified Tank	1915	364748
Y	414m S	Unspecified Tank	1916 - 1970	402682
G	414m SW	Unspecified Tank	1985 - 1995	397333
Y	416m S	Unspecified Tank	1952 - 1967	396235
R	420m S	Unspecified Tank	1977	364583
R	454m S	Unspecified Tank	1985 - 1995	409628
AB	478m W	Unspecified Tank	1952	399247
AB	479m W	Tanks	1952	392383
AB	481m W	Unspecified Tank	1952	408465
AB	482m W	Unspecified Tank	1952	407063
AB	483m W	Tanks	1936	376385
AB	484m W	Unspecified Tank	1936	364749
AB	489m W	Unspecified Tank	1936	364750
S	493m SW	Tanks	1977	376388

ID	Location	Land use	Dates present	Group ID
AB	495m W	Tanks	1952	405913
AB	498m W	Unspecified Tank	1952	406879

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

22

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
D	173m E	Electricity Substation	1992	244880
C	174m NW	Electric Generating Station	1915	249944
D	191m E	Electricity Substation	1975 - 1992	282475
E	233m W	Electricity Substation	1973 - 1995	281462
4	241m W	Electricity Substation	1973 - 1995	274763
I	268m E	Electricity Substation	1975	257931
I	270m E	Electricity Substation	1981 - 1992	265310
M	284m SE	Electricity Substation	1977	277808
M	284m SE	Electricity Substation	1991 - 1995	268607
O	285m W	Electricity Substation	1995	258158
O	285m W	Electricity Substation	1973 - 1991	288527
W	324m E	Electricity Substation	1952 - 1992	291418
W	333m E	Electricity Substation	1970 - 1991	288723
9	358m SE	Electricity Substation	1952	281786
Q	361m N	Electricity Substation	1973 - 1995	258206
Q	365m N	Electricity Substation	1973 - 1995	267928



ID	Location	Land use	Dates present	Group ID
R	370m S	Electricity Substation	1967 - 1995	259618
10	412m N	Electricity Substation	1975 - 1992	288360
11	426m SE	Electricity Substation	1977 - 1995	262605
12	459m E	Electricity Substation	1975 - 1991	272438
R	467m S	Electricity Substation	1977 - 1991	275662
R	471m S	Electricity Substation	1992 - 1995	267463

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
----------------------------	----------

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	24
----------------------------	-----------

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
1	66m E	Garage	1975	73344
A	122m S	Garage	1952 - 1963	81666
A	122m S	Garage	1952 - 1967	82004
A	123m S	Garage	1970	75370
E	235m SW	Garage	1952	82728



ID	Location	Land use	Dates present	Group ID
H	248m S	Garage	1952	75761
H	248m S	Garage	1952	80024
P	294m W	Transport Maintenance Sheds	1952	80549
R	397m S	Carriage Shed	1952	84670
X	398m NW	Garage	1995	78096
Z	398m SE	Garage	1952 - 1967	84158
Z	399m SE	Garage	1963 - 1977	85052
Z	402m SE	Garage	1991	78750
AA	402m NE	Garage	1952	76196
AA	405m NE	Garage	1952	79532
X	414m NW	Garage	1952 - 1973	82293
X	414m NW	Garage	1952 - 1991	81444
Z	425m SE	Garage	1952 - 1970	80288
Z	444m S	Car Breakers Yard	1952	80803
AD	448m SE	Garage	1952	76309
AD	465m SE	Garage	1952	77728
AG	495m S	Garage	1985 - 1991	85022
AG	496m S	Garage	1992 - 1995	85312
13	499m NW	Garages	1952	84475

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

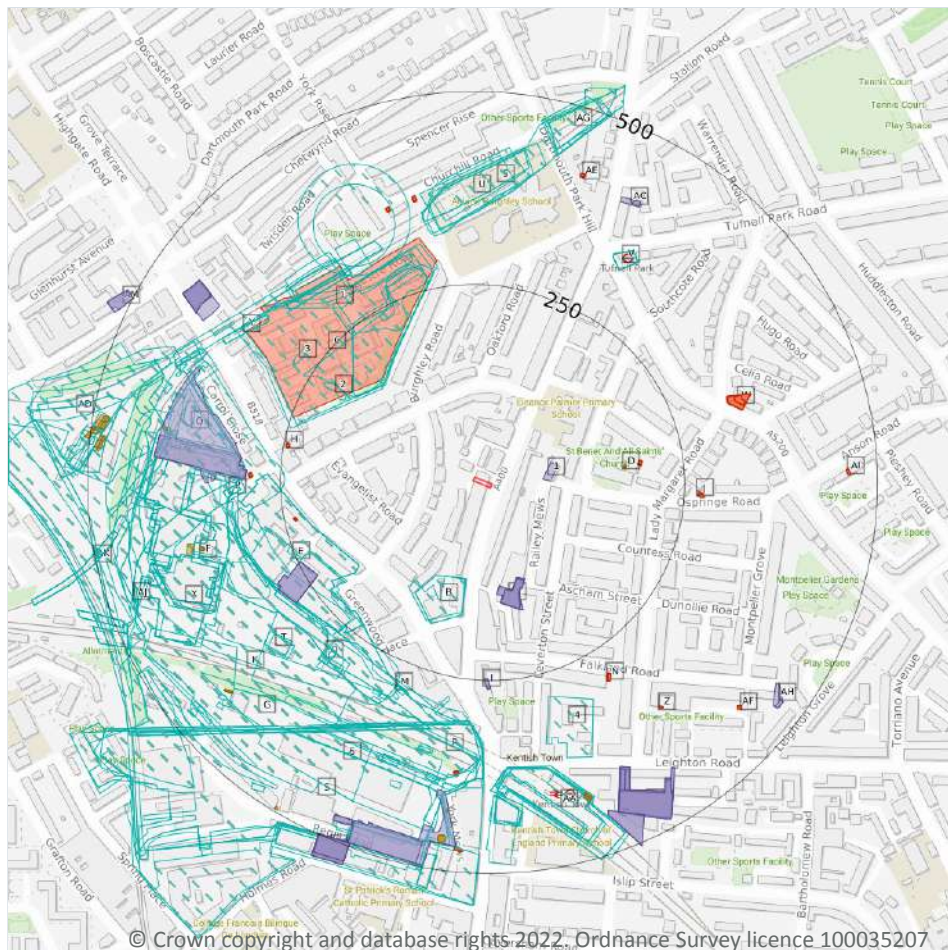
0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

194

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 24**

ID	Location	Land Use	Date	Group ID
B	122m S	Fire Station	1974	2272345
B	122m S	Fire Station	1996	2272345
B	123m S	Fire Station	1965	2266635

ID	Location	Land Use	Date	Group ID
C	166m NW	Electric Generating Station	1920	2217297
C	166m NW	Electric Generating Station	1938	2217297
C	169m NW	Unspecified Heap	1965	2259136
C	169m NW	Unspecified Heap	1958	2259136
C	173m NW	Unspecified Heap	1938	2226964
E	184m SW	Unspecified Commercial/Industrial	1965	2227452
E	184m SW	Bottling Stores	1949	2171545
E	184m SW	Unspecified Commercial/Industrial	1958	2227452
2	196m NW	Unspecified Ground Workings	1920	2133649
E	209m SW	Bottling Stores	1920	2184167
E	213m SW	Unspecified Stores	1938	2166155
C	214m NW	Unspecified Heap	1949	2226964
C	233m NW	Unspecified Ground Workings	1920	2133650
F	233m SW	Unspecified Depot	1974	2213276
G	235m SW	Railway Sidings	1965	2196285
G	235m SW	Railway Sidings	1958	2196285
F	259m SW	Unspecified Depot	1996	2213276
F	262m SW	Railway Sidings	1938	2251278
G	262m SW	Railway Sidings	1949	2201132
3	270m NW	Unspecified Ground Workings	1920	2133651
K	270m SW	Railway Sidings	1920	2292069
K	270m SW	Railway Sidings	1894	2202006
K	270m SW	Unspecified Commercial/Industrial	1894	2258942
L	277m NW	Railway Sidings	1920	2256616
M	280m S	Railway Building	1949	2213713
4	281m S	Hospital	1949	2164268
M	283m S	Railway Building	1938	2213713
O	285m SW	Railway Building	1965	2181090



ID	Location	Land Use	Date	Group ID
O	285m SW	Railway Building	1949	2220762
O	285m SW	Railway Building	1958	2181090
O	286m SW	Railway Building	1938	2262478
M	291m S	Railway Building	1920	2149189
K	292m SW	Railway Sidings	1869	2235555
K	292m SW	Railway Sidings	1879	2292069
O	292m SW	Cuttings	1869	2129647
O	294m SW	Railway Building	1920	2262478
L	296m NW	Miniature Rifle Range	1938	2252648
F	296m W	Unspecified Commercial/Industrial	1965	2223074
F	296m W	Locomotive Sheds	1949	2218252
F	296m W	Unspecified Commercial/Industrial	1958	2223074
F	297m W	Locomotive Sheds	1938	2185475
M	298m SW	Railway Building	1949	2174921
F	298m SW	Unspecified Heap	1894	2136560
M	300m S	Railway Building	1938	2174921
P	301m W	Railway Building	1869	2205903
P	301m W	Railway Building	1879	2288232
L	303m NW	Cuttings	1949	2266612
R	303m S	Railway Sidings	1938	2271564
R	303m S	Railway Sidings	1920	2271564
F	305m W	Locomotive Sheds	1920	2185475
S	306m S	Unspecified Works	1894	2192700
S	307m S	Railway Land	1911	2141011
L	308m NW	Tunnel	1965	2173979
L	308m NW	Tunnel	1974	2173979
L	308m NW	Tunnel	1958	2173979
M	308m SW	Railway Building	1920	2149191

ID	Location	Land Use	Date	Group ID
L	309m NW	Miniature Rifle Range	1920	2252648
L	312m NW	Cuttings	1894	2170093
L	313m NW	Cuttings	1879	2229357
L	313m NW	Cuttings	1869	2194076
T	314m SW	Railway Building	1869	2179238
T	314m SW	Railway Building	1879	2256155
T	315m SW	Railway Building	1894	2241166
L	317m NW	Cuttings	1920	2170093
U	317m N	Cuttings	1894	2227909
5	319m N	Cuttings	1920	2293077
U	320m N	Cuttings	1938	2270779
Q	320m W	Railway Sidings	1920	2207333
S	321m S	Railway Sidings	1882	2292069
V	323m NE	London Transport Station	1965	2210487
V	323m NE	London Transport Station	1974	2210487
V	323m NE	London Transport Station	1996	2210487
V	323m NE	Unspecified Station	1958	2167948
S	324m S	Railway Sidings	1894	2283601
L	324m NW	Cuttings	1949	2226109
U	324m N	Cuttings	1958	2184581
R	326m S	Railway Sidings	1911	2271564
X	333m W	Railway Building	1894	2206292
U	334m N	Cuttings	1949	2184581
Y	334m NW	Tunnel	1965	2264020
Y	334m NW	Tunnel	1974	2264020
Y	334m NW	Tunnel	1958	2264020
U	338m N	Cuttings	1879	2260613
U	338m N	Cuttings	1869	2188721



ID	Location	Land Use	Date	Group ID
X	341m W	Unspecified Sheds	1869	2262061
X	341m W	Unspecified Sheds	1879	2230763
R	343m S	Railway Building	1949	2242612
R	347m S	Railway Building	1920	2238984
6	350m SW	Unspecified Depot	1974	2147191
AA	364m S	Railway Station	1938	2194819
AA	364m S	Railway Station	1920	2270353
AA	364m S	Railway Station	1965	2271048
AA	364m S	Railway Station	1974	2271048
AA	364m S	Railway Station	1958	2250949
G	366m SW	Railway Sidings	1974	2225965
AA	366m S	Railway Station	1949	2290164
AA	367m S	Railway Station	1882	2270337
Y	370m NW	Railway Station	1894	2152656
AA	371m S	Railway Station	1894	2270337
R	371m S	Railway Building	1965	2217449
R	371m S	Railway Building	1958	2217449
Q	371m W	Railway Building	1920	2148994
AA	373m S	Railway Station	1911	2254581
R	374m S	Railway Buildings	1949	2163530
Q	374m NW	Railway Station	1938	2248995
R	377m S	Railway Building	1965	2246949
R	377m S	Railway Building	1958	2246949
AA	378m S	Railway Station	1996	2255206
Q	383m W	Railway Station	1920	2248995
Q	387m NW	Railway Station	1894	2217186
S	389m S	Railway Sidings	1938	2292069
S	389m S	Railway Sidings	1920	2292069



ID	Location	Land Use	Date	Group ID
S	390m S	Railway Sidings	1911	2222278
Q	391m NW	Railway Station	1869	2196930
Q	391m NW	Railway Station	1879	2179401
Q	392m W	Railway Building	1938	2207414
F	396m W	Unspecified Ground Workings	1869	2173327
F	396m W	Unspecified Ground Workings	1879	2204418
Q	397m W	Railway Building	1920	2207414
Q	397m W	Chimney	1965	2165096
AA	398m S	Unspecified Station	1920	2225490
Q	398m W	Unspecified Pit	1869	2216770
Q	398m W	Unspecified Pit	1879	2261201
AA	399m S	London Transport Station	1965	2247463
AA	399m S	London Transport Station	1974	2247463
AA	399m S	London Transport Station	1996	2247463
AA	399m S	Unspecified Station	1958	2205908
R	400m S	Railway Building	1882	2149190
AA	400m S	Electricity Station	1938	2151302
Q	401m W	Cuttings	1894	2129646
Q	409m W	Railway Building	1938	2148993
AD	412m W	Railway Sidings	1949	2207266
AD	421m W	Railway Sidings	1920	2193426
Q	421m W	Railway Sidings	1920	2217385
X	421m SW	Railway Building	1920	2174084
X	422m SW	Railway Building	1949	2186219
AD	422m W	Railway Sidings	1894	2173488
G	424m SW	Railway Building	1938	2172535
G	425m SW	Railway Building	1949	2268360
AD	425m W	Railway Sidings	1958	2259110



ID	Location	Land Use	Date	Group ID
F	428m W	Railway Building	1869	2221564
F	428m W	Railway Building	1879	2254052
AG	431m N	Cuttings	1938	2170846
AG	435m N	Cuttings	1949	2233605
G	435m SW	Railway Building	1920	2237106
AG	438m N	Cuttings	1894	2192050
AG	438m N	Cuttings	1879	2194458
AG	438m N	Cuttings	1869	2213901
G	457m SW	Railway Building	1938	2149194
G	458m SW	Railway Buildings	1949	2163531
AJ	460m W	Railway Building	1949	2149199
R	463m S	Police Station	1965	2257769
R	464m S	Unspecified Commercial/Industrial	1949	2130950
AJ	465m W	Railway Building	1920	2149198
AK	466m W	Tunnel	1965	2174779
AK	466m W	Tunnel	1974	2174779
AK	466m W	Tunnel	1996	2174779
AK	466m W	Tunnel	1958	2174779
G	466m SW	Railway Building	1920	2149195
AD	466m W	Unspecified Depot	1965	2185501
AD	466m W	Unspecified Depot	1974	2185501
AD	476m W	Unspecified Tanks	1938	2206331
G	476m SW	Unspecified Ground Workings	1920	2133648
S	480m SW	Railway Building	1938	2191956
S	480m SW	Railway Building	1920	2191956
R	481m S	Police Station	1974	2256479
R	481m S	Police Station	1996	2256479
AD	481m W	Railway Building	1958	2193057



ID	Location	Land Use	Date	Group ID
G	482m SW	Railway Sidings	1879	2292069
AD	483m W	Unspecified Tanks	1949	2206331
AD	484m W	Unspecified Depot	1996	2230352
AD	485m W	Railway Building	1938	2237830
AD	485m W	Unspecified Tank	1920	2154772
AJ	485m SW	Railway Building	1938	2149197
AJ	488m W	Tunnel	1965	2229245
AJ	488m W	Tunnel	1974	2229245
AJ	488m W	Tunnel	1996	2229245
AJ	488m W	Tunnel	1958	2229245
G	489m SW	Railway Sidings	1869	2235555
AJ	489m SW	Tunnel	1965	2173457
AJ	489m SW	Tunnel	1974	2173457
AJ	489m SW	Tunnel	1996	2173457
AJ	489m SW	Tunnel	1958	2173457
AK	489m W	Unspecified Shaft	1974	2281042
AK	489m W	Unspecified Shaft	1996	2281042
AK	491m W	Railway Sidings	1894	2202006
AK	491m W	Unspecified Shaft	1965	2179372
AD	493m W	Railway Building	1949	2281266
AK	496m W	Railway Sidings	1949	2259669
AK	496m W	Railway Sidings	1958	2193150
AK	500m W	Railway Sidings	1920	2217130

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

42

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 24**

ID	Location	Land Use	Date	Group ID
D	172m E	Unspecified Tank	1981	392055
D	172m E	Unspecified Tank	1982	392055
D	172m E	Unspecified Tank	1991	392055
D	173m E	Unspecified Tank	1975	392055
F	358m W	Unspecified Tank	1952	380970
F	359m W	Unspecified Tank	1952	380970
F	360m W	Unspecified Tank	1936	380970
F	372m W	Tanks	1896	376387
Q	402m W	Unspecified Tank	1915	364748
AA	414m S	Unspecified Tank	1916	402682
G	414m SW	Unspecified Tank	1995	397333
G	414m SW	Unspecified Tank	1992	397333
G	415m SW	Unspecified Tank	1985	397333
G	415m SW	Unspecified Tank	1990	397333
G	415m SW	Unspecified Tank	1990	397333
G	415m SW	Unspecified Tank	1991	397333
AA	415m S	Unspecified Tank	1963	402682
AA	415m S	Unspecified Tank	1952	402682
AA	416m S	Unspecified Tank	1967	396235
AA	416m S	Unspecified Tank	1952	396235
AA	417m S	Unspecified Tank	1970	402682
R	420m S	Unspecified Tank	1977	364583
R	454m S	Unspecified Tank	1985	409628



ID	Location	Land Use	Date	Group ID
R	454m S	Unspecified Tank	1990	409628
R	454m S	Unspecified Tank	1990	409628
R	454m S	Unspecified Tank	1991	409628
R	454m S	Unspecified Tank	1995	409628
R	454m S	Unspecified Tank	1992	409628
AD	478m W	Unspecified Tank	1952	399247
AD	479m W	Tanks	1952	392383
AD	479m W	Unspecified Tank	1952	399247
AD	479m W	Tanks	1952	392383
AD	481m W	Unspecified Tank	1952	408465
AD	482m W	Unspecified Tank	1952	407063
AD	483m W	Tanks	1936	376385
AD	484m W	Unspecified Tank	1936	364749
AD	489m W	Unspecified Tank	1936	364750
S	493m SW	Tanks	1977	376388
AD	495m W	Tanks	1952	405913
AD	495m W	Tanks	1952	405913
AD	498m W	Unspecified Tank	1952	406879
AD	498m W	Unspecified Tank	1952	406879

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

77

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 24**

ID	Location	Land Use	Date	Group ID
D	173m E	Electricity Substation	1992	244880



ID	Location	Land Use	Date	Group ID
C	174m NW	Electric Generating Station	1915	249944
D	191m E	Electricity Substation	1981	282475
D	191m E	Electricity Substation	1982	282475
D	191m E	Electricity Substation	1991	282475
D	191m E	Electricity Substation	1992	282475
D	191m E	Electricity Substation	1975	282475
E	233m W	Electricity Substation	1973	281462
E	233m W	Electricity Substation	1995	281462
E	233m W	Electricity Substation	1981	281462
E	233m W	Electricity Substation	1981	281462
E	233m W	Electricity Substation	1991	281462
H	241m W	Electricity Substation	1973	274763
H	242m W	Electricity Substation	1995	274763
H	242m W	Electricity Substation	1981	274763
H	242m W	Electricity Substation	1981	274763
H	242m W	Electricity Substation	1991	274763
J	268m E	Electricity Substation	1975	257931
J	270m E	Electricity Substation	1981	265310
J	270m E	Electricity Substation	1982	265310
J	270m E	Electricity Substation	1991	265310
J	270m E	Electricity Substation	1992	265310
N	284m SE	Electricity Substation	1977	277808
N	284m SE	Electricity Substation	1995	268607
N	284m SE	Electricity Substation	1991	268607
P	285m W	Electricity Substation	1973	288527
P	285m W	Electricity Substation	1995	258158
P	286m W	Electricity Substation	1981	288527
P	286m W	Electricity Substation	1981	288527



ID	Location	Land Use	Date	Group ID
P	286m W	Electricity Substation	1991	288527
W	324m E	Electricity Substation	1975	291418
W	324m E	Electricity Substation	1952	291418
W	324m E	Electricity Substation	1967	291418
W	324m E	Electricity Substation	1992	291418
W	324m E	Electricity Substation	1967	291418
W	324m E	Electricity Substation	1952	291418
W	333m E	Electricity Substation	1970	288723
W	333m E	Electricity Substation	1982	288723
W	333m E	Electricity Substation	1991	288723
Z	358m SE	Electricity Substation	1952	281786
Z	358m SE	Electricity Substation	1952	281786
L	361m N	Electricity Substation	1973	258206
L	362m N	Electricity Substation	1981	258206
L	362m N	Electricity Substation	1981	258206
L	362m N	Electricity Substation	1991	258206
L	363m N	Electricity Substation	1995	258206
L	365m N	Electricity Substation	1973	267928
L	365m N	Electricity Substation	1981	267928
L	365m N	Electricity Substation	1981	267928
L	365m N	Electricity Substation	1991	267928
L	366m N	Electricity Substation	1995	267928
R	370m S	Electricity Substation	1967	259618
R	370m S	Electricity Substation	1977	259618
R	370m S	Electricity Substation	1985	259618
R	370m S	Electricity Substation	1990	259618
R	370m S	Electricity Substation	1990	259618
R	370m S	Electricity Substation	1991	259618



ID	Location	Land Use	Date	Group ID
R	370m S	Electricity Substation	1968	259618
R	371m S	Electricity Substation	1995	259618
R	371m S	Electricity Substation	1992	259618
AE	412m N	Electricity Substation	1992	288360
AE	413m N	Electricity Substation	1982	288360
AE	413m N	Electricity Substation	1991	288360
AE	413m N	Electricity Substation	1975	288360
AF	426m SE	Electricity Substation	1977	262605
AF	427m SE	Electricity Substation	1995	262605
AF	427m SE	Electricity Substation	1991	262605
AI	459m E	Electricity Substation	1975	272438
AI	459m E	Electricity Substation	1982	272438
AI	459m E	Electricity Substation	1991	272438
R	467m S	Electricity Substation	1985	275662
R	467m S	Electricity Substation	1990	275662
R	467m S	Electricity Substation	1990	275662
R	467m S	Electricity Substation	1991	275662
R	468m S	Electricity Substation	1977	275662
R	471m S	Electricity Substation	1995	267463
R	471m S	Electricity Substation	1992	267463

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



2.5 Historical garages

Records within 500m

42

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 24**

ID	Location	Land Use	Date	Group ID
1	66m E	Garage	1975	73344
A	122m S	Garage	1963	81666
A	122m S	Garage	1952	81666
A	122m S	Garage	1967	82004
A	122m S	Garage	1952	82004
A	123m S	Garage	1970	75370
E	235m SW	Garage	1952	82728
E	236m SW	Garage	1952	82728
I	248m S	Garage	1952	75761
I	248m S	Garage	1952	80024
Q	294m W	Transport Maintenance Sheds	1952	80549
Q	294m W	Transport Maintenance Sheds	1952	80549
R	397m S	Carriage Shed	1952	84670
Y	398m NW	Garage	1995	78096
AB	398m SE	Garage	1952	84158
AB	399m SE	Garage	1963	85052
AB	399m SE	Garage	1967	84158
AB	401m SE	Garage	1977	85052
AB	402m SE	Garage	1991	78750
AC	402m NE	Garage	1952	76196
AC	405m NE	Garage	1952	79532
Y	414m NW	Garage	1952	82293
Y	414m NW	Garage	1952	81444

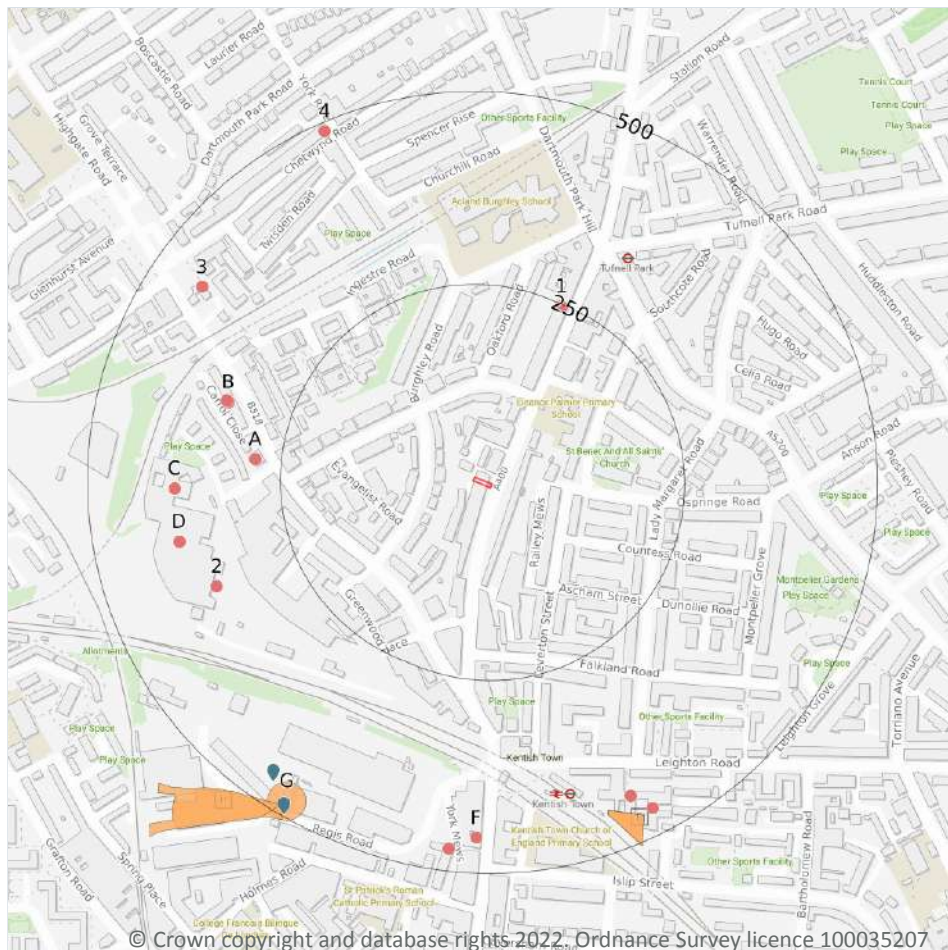


ID	Location	Land Use	Date	Group ID
Y	415m NW	Garage	1981	81444
Y	415m NW	Garage	1981	81444
Y	415m NW	Garage	1991	81444
Y	415m NW	Garage	1973	82293
AB	425m SE	Garage	1952	80288
AB	428m SE	Garage	1970	80288
AB	444m S	Car Breakers Yard	1952	80803
AB	445m S	Car Breakers Yard	1952	80803
AH	448m SE	Garage	1952	76309
R	461m S	Carriage Shed	1952	84670
AH	465m SE	Garage	1952	77728
AL	495m S	Garage	1990	85022
AL	495m S	Garage	1990	85022
AL	495m S	Garage	1991	85022
AL	495m S	Garage	1985	85022
AL	496m S	Garage	1995	85312
AL	496m S	Garage	1992	85312
AM	499m NW	Garages	1952	84475
AM	499m NW	Garages	1952	84475

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m

5

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 39**

ID	Location	Address	Further Details	Date
E	444m S	Site Address: N/A	Type of Site: Car Breakers Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1952
E	445m S	Site Address: N/A	Type of Site: Car Breakers Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1952
G	455m SW	Site Address: Camden Recycling Centre, Regis Road, London, Central London, NW5 3EW	Type of Site: Recycling Centre (Alterations) Planning application reference: 2012/6047/P Description: Scheme comprises alterations to front elevation portal frame comprising installation of window, doors and ramp access. Data source: Historic Planning Application Data Type: Point	22/01/2013

ID	Location	Address	Further Details	Date
H	487m SW	Site Address: N/A	Type of Site: Scrap Metal Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
H	489m SW	Site Address: N/A	Type of Site: Scrap Metal Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	4
----------------------------	----------

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 39**

ID	Location	Details		
G	458m SW	Site Name: Regis Road Recycling Centre Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EW Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/V003 Operator: Londonenergy Ltd Waste Management licence No: 80349 Annual Tonnage: 14630	Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 02/08/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	458m SW	Site Name: Regis Road Recycling Centre Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/T001 Operator: LondonWaste Ltd Waste Management licence No: 80349 Annual Tonnage: 7793	Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
G	487m SW	Site Name: Regis Road Recycling Centre Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM001 EPR reference: EA/EPR/DP3091NK/V003 Operator: Camden London Borough Council Waste Management licence No: 80349 Annual Tonnage: 7793	Issue Date: 10/12/1996 Effective Date: - Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	487m SW	Site Name: Regis Road Recycling Centre Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/T001 Operator: Londonwaste Limited Waste Management licence No: 80349 Annual Tonnage: 7793	Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	22
----------------------------	-----------

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 39**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	247m N	165 Fortress Road London NW5 2HR	EPR/VF0833N W/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
A	284m W	-	WEX269056	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	284m W	EICO PHARMACY, 97 HIGHGATE ROAD, LONDON, NW5 1TR	WEX223539	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal



ID	Location	Site	Reference	Category	Sub-Category	Description
B	334m W	97, HIGHGATE ROAD, LONDON, NW5 1TR	WEX128765	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	334m W	97, HIGHGATE ROAD, LONDON, NW5 1TR	WEX075831	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	335m W	Eico Pharmacy 97 Highgate Road London NW5 1TR	EPR/SF0905G H/A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	336m W	Eico Pharmacy 97 Highgate Road London NW5 1TR	EPR/UE5786W Z/A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
2	360m SW	HIVIEW HOUSE HIGHGATE ROAD LONDON NW5 1TN	EPR/NF0008ZC /A001	Treating waste exemption	Non- Agricultural Waste Only	Treatment of waste aerosol cans
C	388m W	HIVIEW HOUSE HIGHGATE ROAD LONDON NW5 1TN	EPR/EH0170P N/A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
C	388m W	HIVIEW HOUSE HIGHGATE ROAD LONDON NW5 1TN	EPR/HF0400LK /A001	Treating waste exemption	Non- Agricultural Waste Only	Crushing waste fluorescent tubes
D	390m W	81, HIGHGATE ROAD, LONDON, NW5 1TN	WEX096333	Using waste exemption	On a farm	Use of waste in construction
D	390m W	81, HIGHGATE ROAD, LONDON, NW5 1TN	WEX099353	Using waste exemption	On a farm	Use of waste in construction
D	390m W	81, HIGHGATE ROAD, LONDON, NW5 1TN	WEX095419	Treating waste exemption	Not on a farm	Treatment of waste aerosol cans
D	390m W	81, HIGHGATE ROAD, LONDON, NW5 1TN	WEX097769	Using waste exemption	On a farm	Use of waste in construction
D	390m W	81, HIGHGATE ROAD, LONDON, NW5 1TN	WEX034396	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
3	431m NW	138-140, HIGHGATE ROAD, LONDON, NW5 1PB	WEX224828	Using waste exemption	Not on a farm	Use of waste in construction
E	440m SE	6 Peckwater Street LONDON NW5 2TX	EPR/VE5649Z W/A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
F	455m S	321, KENTISH TOWN ROAD, LONDON, NW5 2TJ	WEX197592	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
E	465m SE	6, PECKWATER STREET, LONDON, NW5 2TX	WEX275094	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

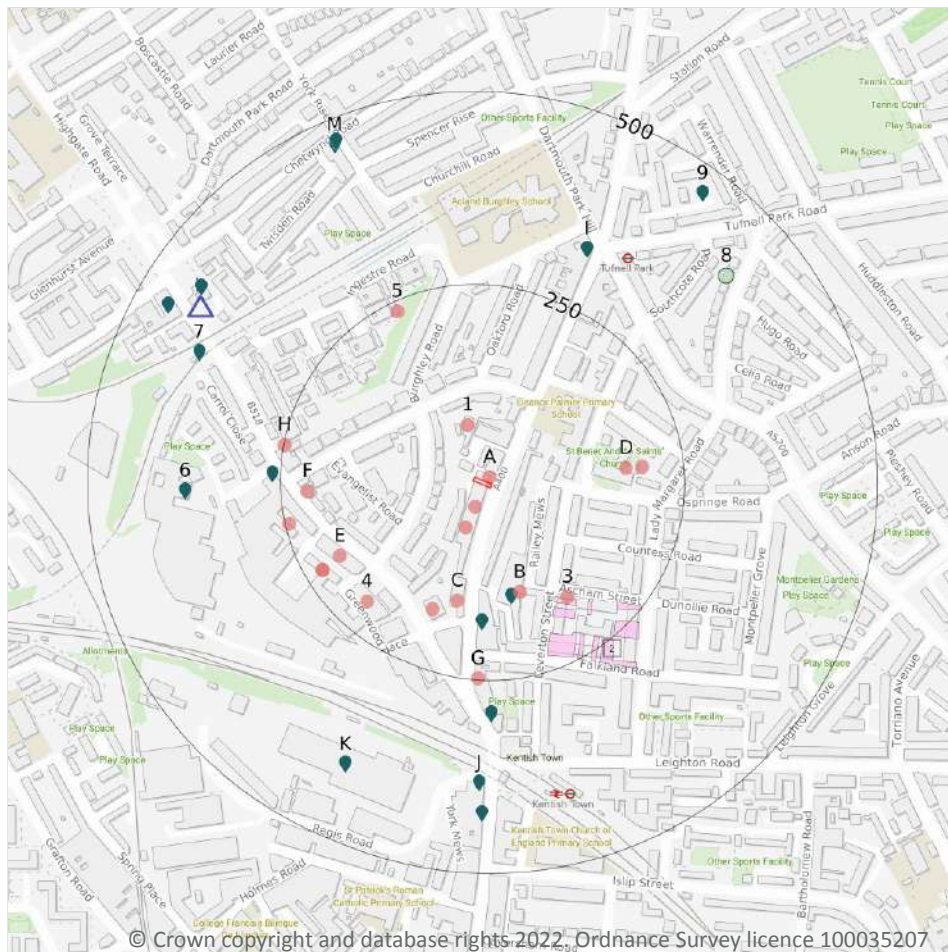


ID	Location	Site	Reference	Category	Sub-Category	Description
E	465m SE	6, PECKWATER STREET, LONDON, NW5 2TX	WEX135769	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
F	471m S	Kentish Town 321 Kentish Town Road LONDON NW5 2TJ	EPR/TE5882LR /A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
4	488m NW	65-67, CHETWYND ROAD, LONDON, NW5 1BX	WEX158078	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Sites determined as Contaminated Land
- Licensed pollutant release (Part A(2)/B)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

19

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 45**

ID	Location	Company	Address	Activity	Category
A	7m N	Lakis Meat Products	61, Fortress Road, London, Greater London, NW5 1AD	Fish, Meat and Poultry Products	Foodstuffs
A	30m S	Armstrong Appliances Ltd	43-45, Fortress Road, London, Greater London, NW5 1AD	Electrical Equipment Repair and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
A	60m S	Lewis Scaffolding	Flat 15 39, Fortress Road, London, Greater London, NW5 1AD	Construction and Tool Hire	Hire Services
1	68m N	Kudos Records Ltd	Fortress Road, London, Greater London, NW5 1AG	Distribution and Haulage	Transport, Storage and Delivery
B	141m S	Works	Greater London, NW5	Unspecified Works Or Factories	Industrial Features
C	153m S	C W Plant Hire	11-15, Fortress Road, London, Greater London, NW5 1AD	Construction and Tool Hire	Hire Services
3	173m SE	M D A Motors	Ascham Street, Camden, London, Greater London, NW5 2PD	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	174m S	Kentish Town Fire Station	Kentish Town Fire Station 20, Highgate Road, London, Greater London, NW5 1NS	Fire Brigade Stations	Central and Local Government
D	175m E	Tank	Greater London, NW5	Tanks (Generic)	Industrial Features
D	196m E	Electricity Sub Station	Greater London, NW5	Electrical Features	Infrastructure and Facilities
E	198m SW	St James's House	The Maple Building, 39-51 Highgate Road, Camden, London, Greater London, NW5 1RT	Published Goods	Industrial Products
4	208m SW	A & A Self Storage	19, Greenwood Place, London, Greater London, NW5 1LB	Container and Storage	Transport, Storage and Delivery
F	215m W	Kentish Town Storage	70 Highgate Road, Camden, London, Greater London, NW5 1PA	Container and Storage	Transport, Storage and Delivery
E	226m SW	Alan Pharmaceuticals	33 Greenwood Place, Camden, London, Greater London, NW5 1LB	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
E	226m SW	Wanted	33 Greenwood Place, Camden, London, Greater London, NW5 1LB	Clothing, Components and Accessories	Consumer Products
5	237m NW	Flat Pack Ninja	Flat 32 Fletcher Court, Ingestre Road, London, Greater London, NW5 1XE	Furniture	Consumer Products
F	244m W	Electricity Sub Station	Greater London, NW5	Electrical Features	Infrastructure and Facilities
G	248m S	Mail Boxes Etc (UK) Ltd	4, Fortress Road, London, Greater London, NW5 2ES	Distribution and Haulage	Transport, Storage and Delivery



ID	Location	Company	Address	Activity	Category
H	249m W	Electricity Sub Station	Greater London, NW5	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	1
----------------------------	----------

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 45**

ID	Location	Company	Address	LPG	Status
L	420m NW	PACE	138-140, Highgate Road, Kentish Town, London, Inner London, NW5 1PB	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
----------------------------	----------

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
----------------------------	----------

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	1
----------------------------	----------

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

Features are displayed on the Current industrial land use map on **page 45**



ID	Location	Description	Site name	Category	Year identified
2	164m SE	Former metal plating works. Lead and Cadmium potential contaminants. Remediated. Council no longer advising site is contaminated - updated to formerly contaminated land.	8 Ascham Street, 15-23, 27, 33, 37-41 Falkland Road, 15a, 25-29, 35 Lady Margeret Road, 42, 44, 48 Leverton Street, NW5 2PU.	Potentially Contaminated Land - Remediated	2011

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0
----------------------------	----------

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0
----------------------------	----------

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0
----------------------------	----------

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0
----------------------------	----------

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

21

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 45**

ID	Location	Address	Details	
B	142m S	M & A Coachworks II, 1-36 Fortess Grove, Kentish Town, London, NW5 1LE	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	174m S	Perk Clean, 20 Fortess Road, Kentish Town, NW5 2HB	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	174m S	Perk Clean, 20 Fortess Road, Kentish Town, NW5 2HB	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
H	260m W	J Murphy & Sons Ltd, 81 Highgate Road, NW5 1TS	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
G	292m S	Zappeo Dry Cleaners, 310 Kentish Town Road, NW5 2TH	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
G	293m S	Zappeo, 310 Kentish Town Road, NW5 1TH	Process: Dry Cleaning Status: Revoked Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
I	328m N	Sun Dry Cleaners, 167 Fortress Road, NW5 2HR	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
I	328m N	Sun Dry Cleaners, 167 Fortress Road, NW5 2HR	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
6	373m W	J Murphy & Sons Ltd, 81 Highgate Road, NW5 1TS	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
J	382m S	The Kleen Machine, Kentish Town, PO16 8UG	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
7	392m NW	M & A Coachworks, 135 Highgate Road, Kentish Town, London, NW5 1LE	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
K	402m SW	Post Office Vehicle Services, Unit A Kentish Town Business Park, Regis Road, London, NW5 3RR	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
K	402m SW	Post Office Vehicle Services, Unit A Kentish Town Business Park, Regis Road, London, NW5 3RR	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
J	422m S	The Kleen Machine, 347 Kentish Town Road, NW5 2TJ	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
L	431m NW	ASF Garage Ltd, 138 Highgate Road, London, NW5 1PB	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
L	431m NW	ASF Garage Ltd, 138-140 Highgate Road, London, NW5 1PB	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
L	455m NW	Perfect Dry Cleaners, 151 Highgate Road, NW5 1JL	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
L	455m NW	Perfect Dry Cleaners, 151 Highgate Road, NW5 1JL	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
9	465m NE	Esso Whittingdon, Junction Rd, London, N19 5RE	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
M	467m NW	The Choice Dry Cleaners, 62 Chetwynd Road, NW5 1DJ	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
M	471m NW	The Choice Dry Cleaners, 62a Chetwynd Road, London, NW5 1DJ	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m**0**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m**0**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m**0**

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m**0**

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

1

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 45**

ID	Location	Details	
8	406m NE	Incident Date: 09/07/2002 Incident Identification: 90410 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



4.21 Pollution inventory radioactive waste

Records within 500m

0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer

5.1 Superficial aquifer

Records within 500m

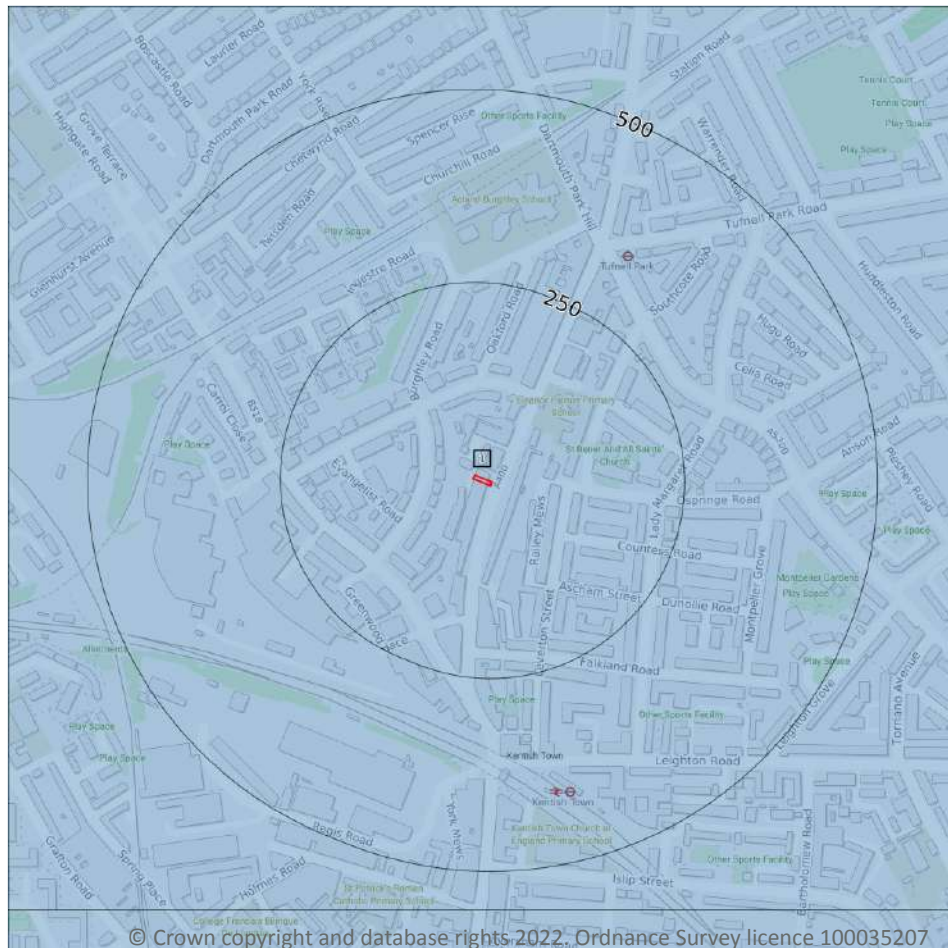
0

Aquifer status of groundwater held within superficial geology.

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

1

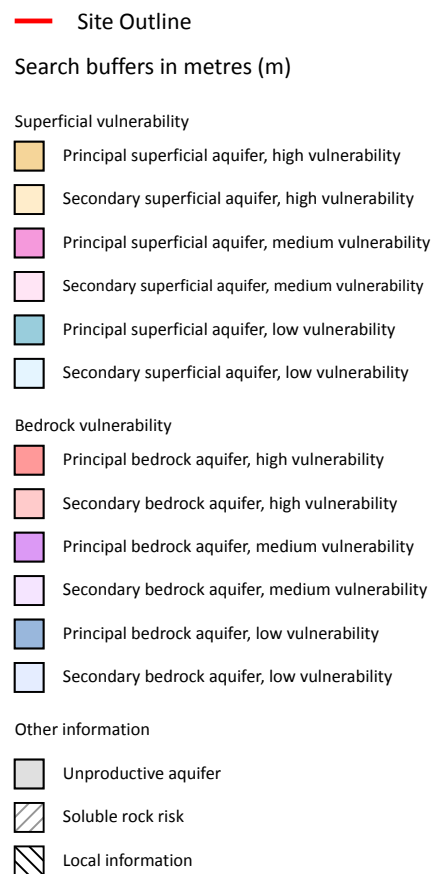
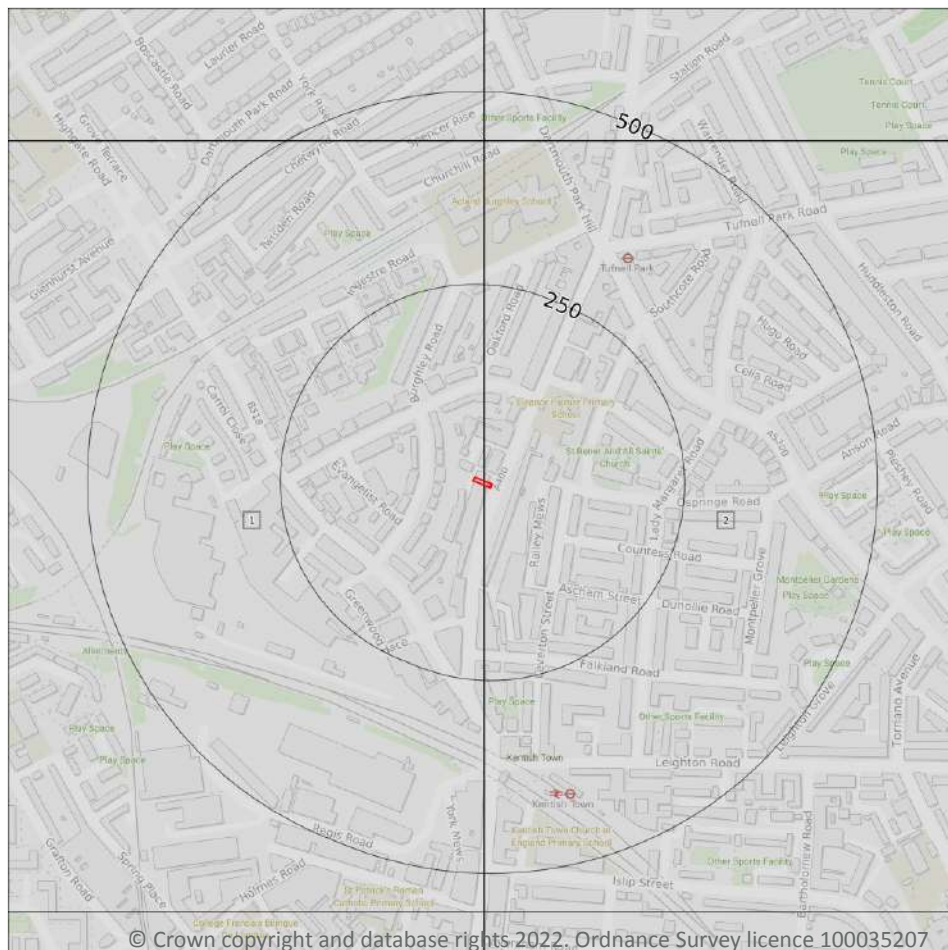
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 56**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 57**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
2	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

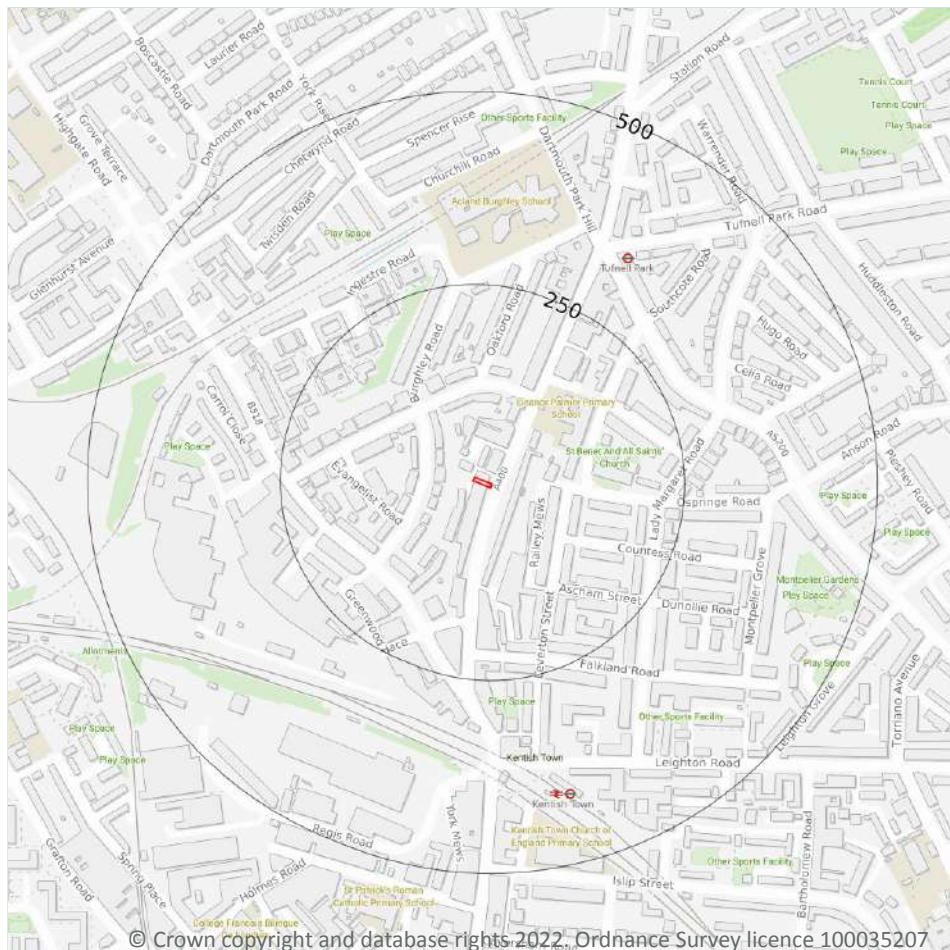
Records on site

0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)**
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

10

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 59**

ID	Location	Details	
-	875m S	Status: Historical Licence No: 28/39/39/0091 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD Easting: 528800 Northing: 184700	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 1813.8 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 05/04/2012 Version End Date: -
-	875m S	Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD Easting: 528800 Northing: 184700	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 1813.8 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 05/04/2012 Version End Date: -
-	875m S	Status: Historical Licence No: 28/39/39/0091 Details: Process Water Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD Easting: 528800 Northing: 184700	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 1813.8 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 05/04/2012 Version End Date: -
-	875m S	Status: Active Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LIMITED Easting: 528800 Northing: 184700	Annual Volume (m ³): 17,997 Max Daily Volume (m ³): 604.60 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/05/2012 Version End Date: -



ID	Location	Details	
-	875m S	Status: Active Licence No: 28/39/39/0091 Details: Process Water Direct Source: THAMES GROUNDWATER Point: KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LIMITED Easting: 528800 Northing: 184700	Annual Volume (m ³): 17,997 Max Daily Volume (m ³): 604.60 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/05/2012 Version End Date: -
-	1764m SE	Status: Historical Licence No: 28/39/39/0222 Details: General Use Relating To Secondary Category (High Loss) Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 529920 Northing: 184040	Annual Volume (m ³): 55200 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 31/08/2006 Expiry Date: 31/03/2010 Issue No: 1 Version Start Date: 31/08/2006 Version End Date: -
-	1764m SE	Status: Historical Licence No: TH/039/0039/027 Details: General Use Relating To Secondary Category (High Loss) Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 529920 Northing: 184040	Annual Volume (m ³): 33400 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 21/04/2010 Expiry Date: 31/03/2019 Issue No: 2 Version Start Date: 13/08/2012 Version End Date: -
-	1764m SE	Status: Active Licence No: TH/039/0039/027/R01 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 529920 Northing: 184040	Annual Volume (m ³): 33,400 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 25/04/2019 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/04/2019 Version End Date: -
-	1764m SE	Status: Active Licence No: TH/039/0039/027/R01 Details: General Washing/Process Washing Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 529920 Northing: 184040	Annual Volume (m ³): 33,400 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 25/04/2019 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/04/2019 Version End Date: -



ID	Location	Details	
-	1764m SE	Status: Active Licence No: TH/039/0039/027/R01 Details: General Use Relating To Secondary Category (High Loss) Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 529920 Northing: 184040	Annual Volume (m ³): 33,400 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 25/04/2019 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/04/2019 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m

2

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 59**

ID	Location	Details	
-	1612m S	Status: Active Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: THAMES SURFACE WATER - NON TIDAL Point: SOUTHAMPTON BRIDGE, LONDON, NW8 - REGENTS CANAL Data Type: Point Name: Canal and River Trust Easting: 528500 Northing: 184020	Annual Volume (m ³): 7,010,000 Max Daily Volume (m ³): 19,520 Original Application No: - Original Start Date: 18/07/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date: -
-	1615m S	Status: Historical Licence No: 28/39/39/0173 Details: Non-Evaporative Cooling Direct Source: THAMES SURFACE WATER - NON TIDAL Point: OVAL ROAD, CAMDEN - GRAND UNION REGENTS CANAL Data Type: Point Name: BRITISH WATERWAYS BOARD Easting: 528490 Northing: 184020	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/12/1994 Expiry Date: - Issue No: 100 Version Start Date: 08/12/1994 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.8 Potable abstractions

Records within 2000m

2

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 59**

ID	Location	Details	
-	875m S	Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD Easting: 528800 Northing: 184700	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 1813.8 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 05/04/2012 Version End Date: -
-	875m S	Status: Active Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LIMITED Easting: 528800 Northing: 184700	Annual Volume (m ³): 17,997 Max Daily Volume (m ³): 604.60 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/05/2012 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.10 Source Protection Zones (confined aquifer)

Records within 500m

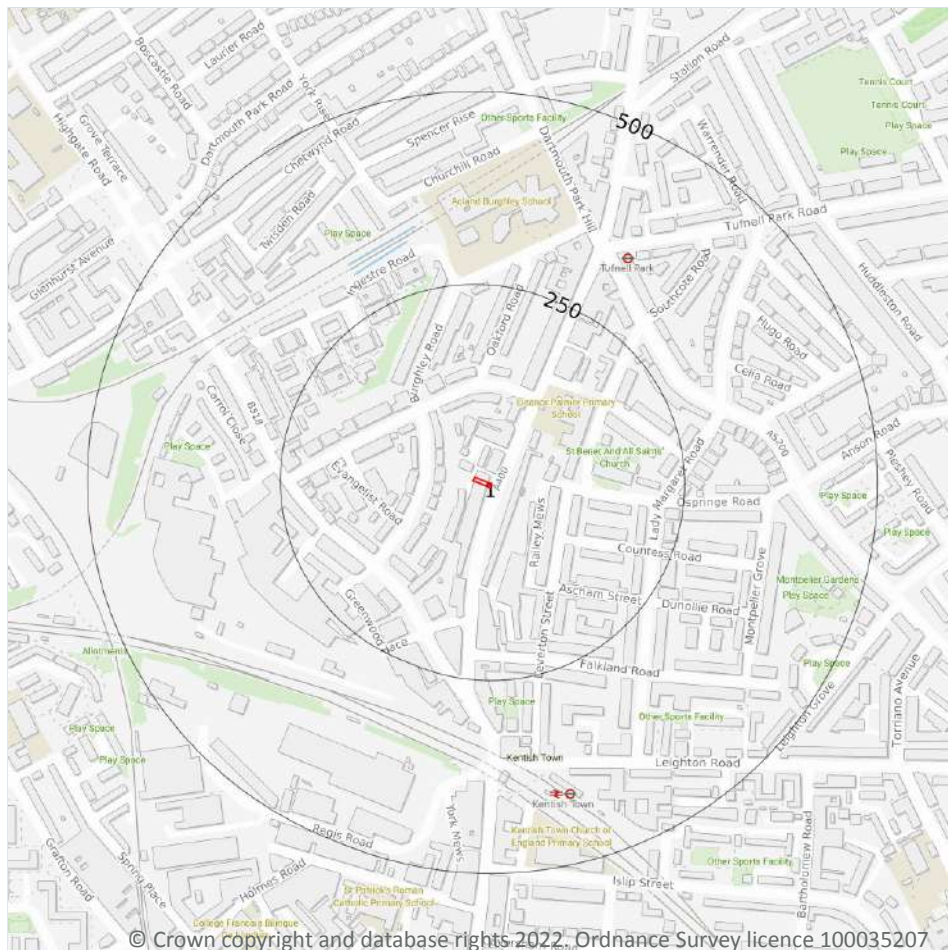
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

0

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 65**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal Catchment	Not part of a river WB catchment	128	Land area part of London Management Catchment draining to the Tidal Thames	London

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	0
---------------------------	----------

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	0
------------------------	----------

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

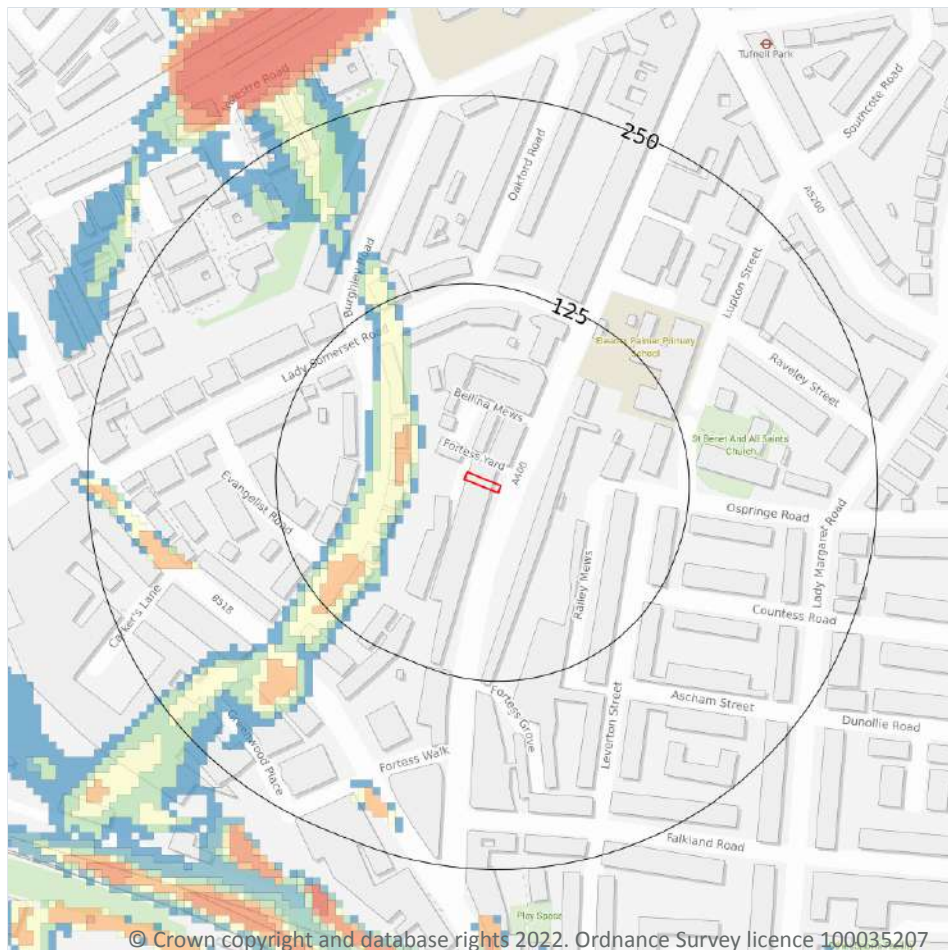
0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 70**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

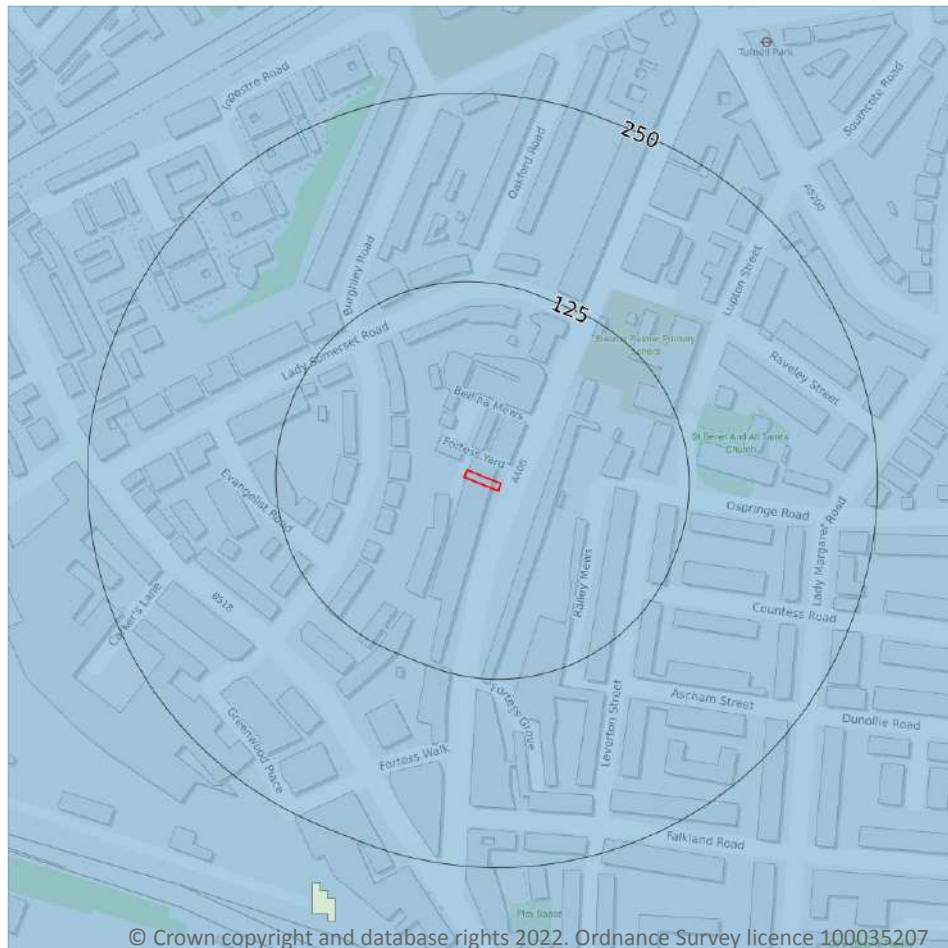
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

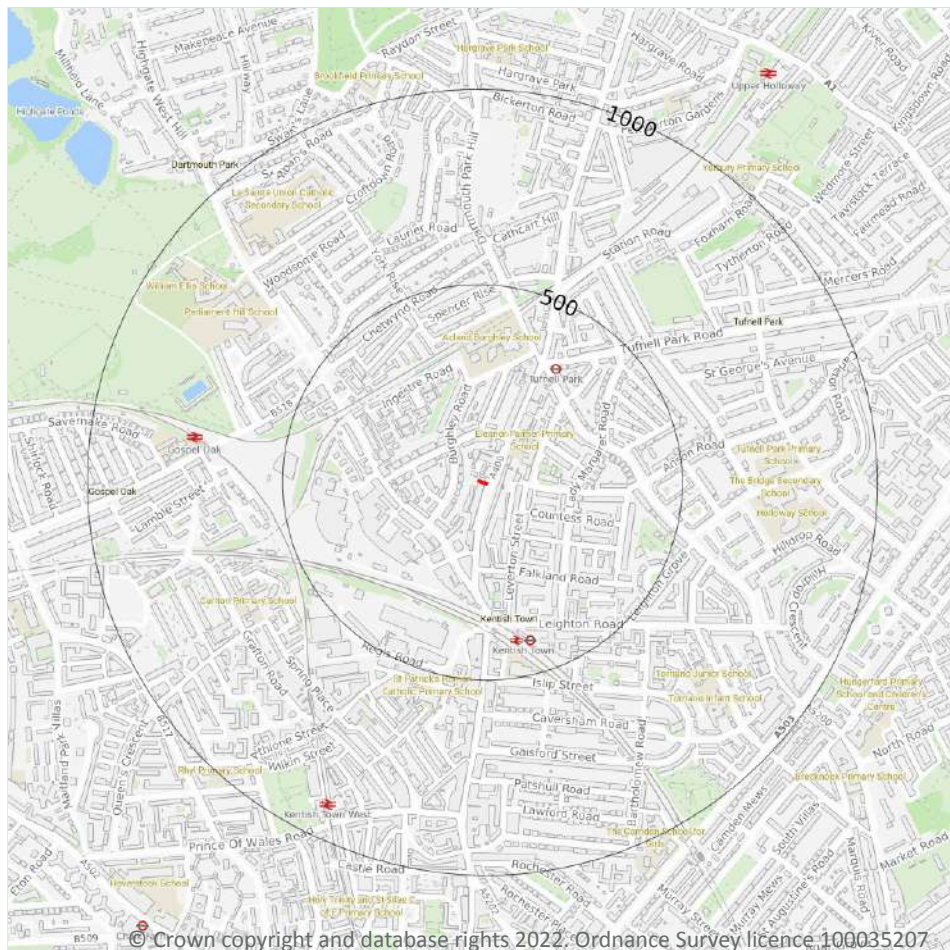
Negligible

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 72**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m**2**

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 73**

ID	Location	Name	Data source
-	1477m W	Belsize Wood	Natural England
-	1778m SW	Adelaide	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m**0**

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m**0**

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m**0**

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

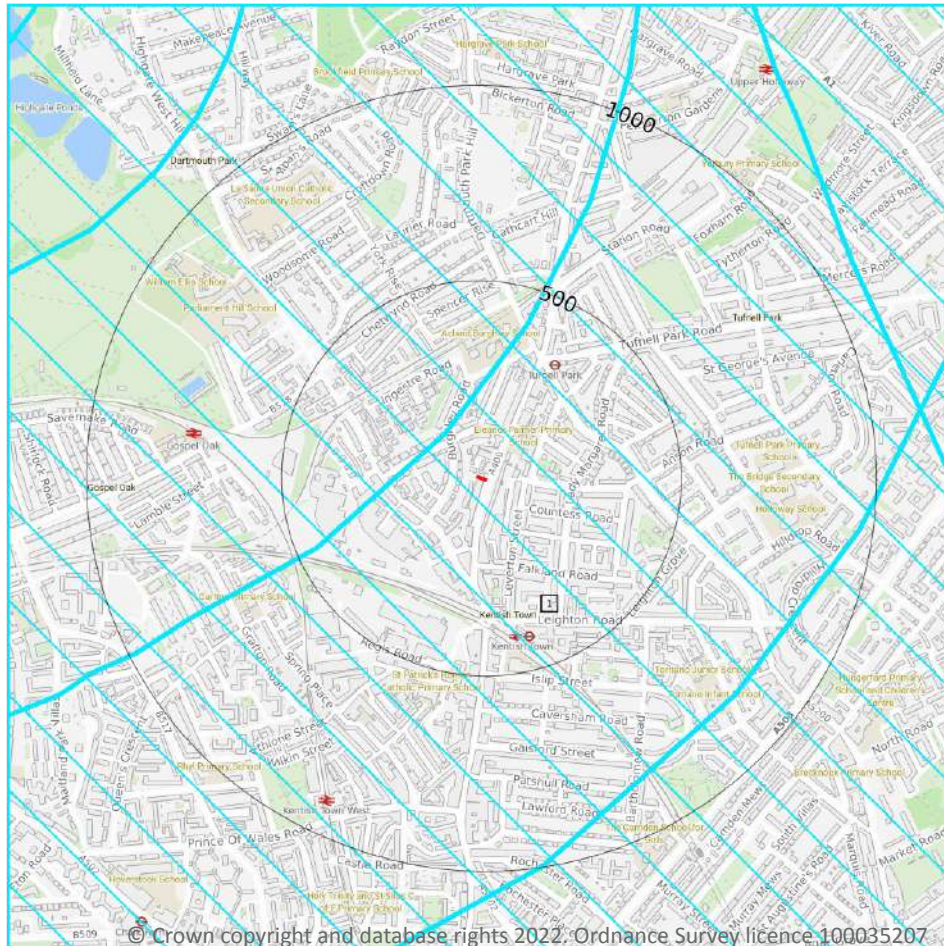
0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 78**

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p>

This data is sourced from Natural England.

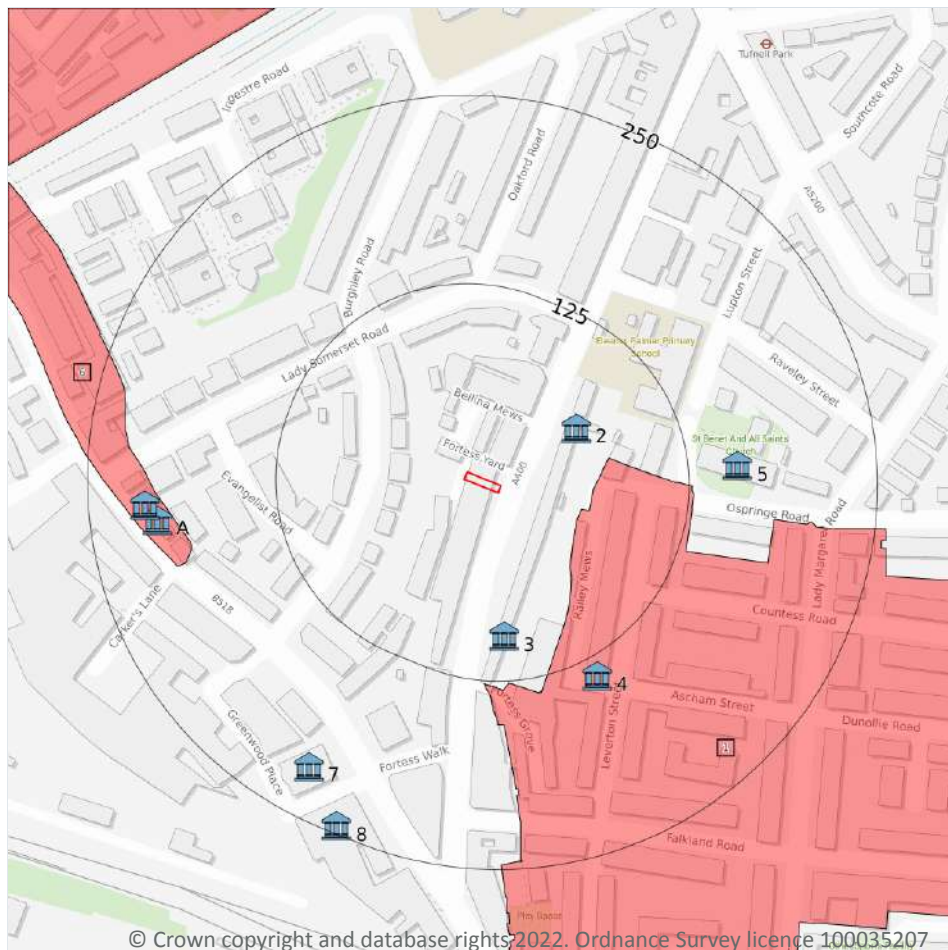
10.18 SSSI Units

Records within 2000m	0
----------------------	---

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

8

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 80**

ID	Location	Name	Grade	Reference Number	Listed date
2	63m NE	96 And 98, Fortress Road, Kentish Town, Camden, London, NW5	II	1113017	14/05/1974
3	95m S	44-94, Fortress Road, Kentish Town, Camden, London, NW5	II	1113016	14/05/1974
4	138m SE	Pineapple Public House, Kentish Town, Camden, London, NW5	II	1389592	18/12/2001
5	158m E	Church Of St Benet And All Saints, Kentish Town, Camden, London, NW5	II	1379378	11/01/1999

ID	Location	Name	Grade	Reference Number	Listed date
A	205m W	Numbers 64 And 66 And Attached Railings, Kentish Town, Camden, London, NW5	II	1378942	14/05/1974
A	212m W	68 And 70, Highgate Road, Kentish Town, Camden, London, NW5	II	1378943	14/05/1974
7	217m SW	Christ Apostolic Church (Former Church Of St John), Kentish Town, Camden, London, NW5	II	1379013	10/06/1954
8	245m S	The Forum, Kentish Town, Camden, London, NW5	II	1379018	14/05/1990

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

2

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 80**

ID	Location	Name	District	Date of designation
1	55m E	Kentish Town	Camden	18/06/1985
6	186m W	Dartmouth Park	Camden	01/04/1978

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



11.7 Registered Parks and Gardens

Records within 250m

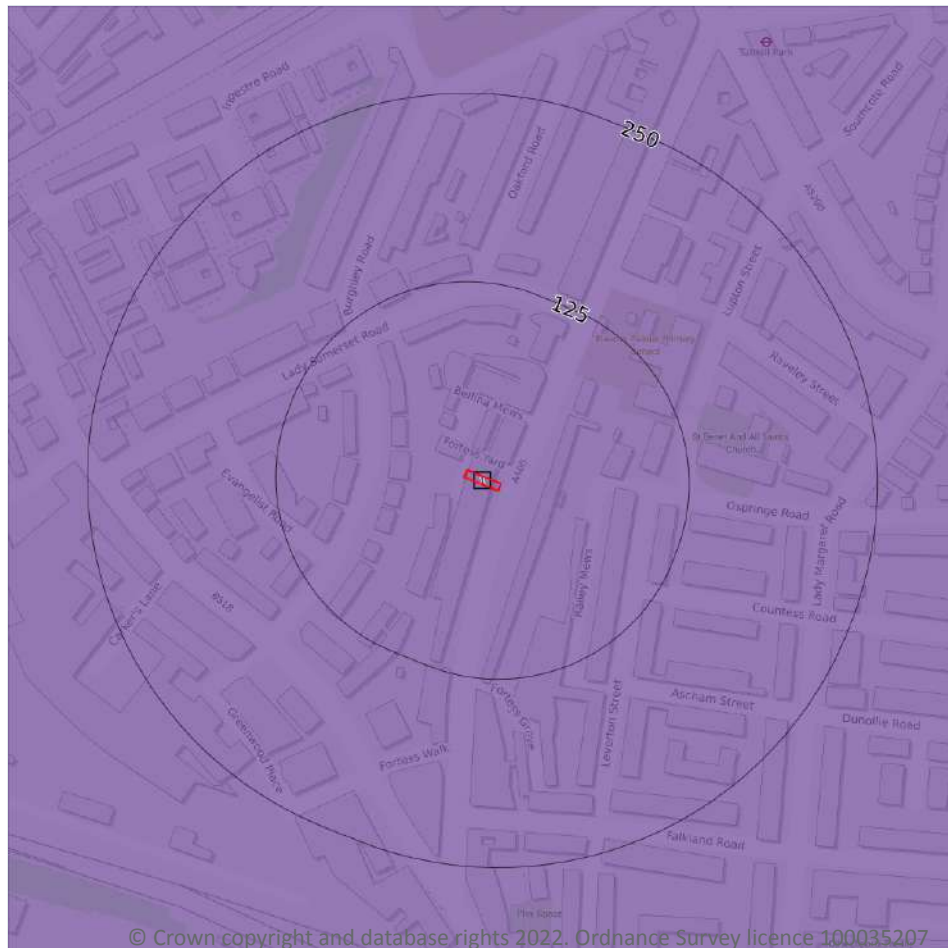
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 84**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

3

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 86**

ID	Location	Main Habitat	Other habitats
A	168m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	207m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
1	235m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.



13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

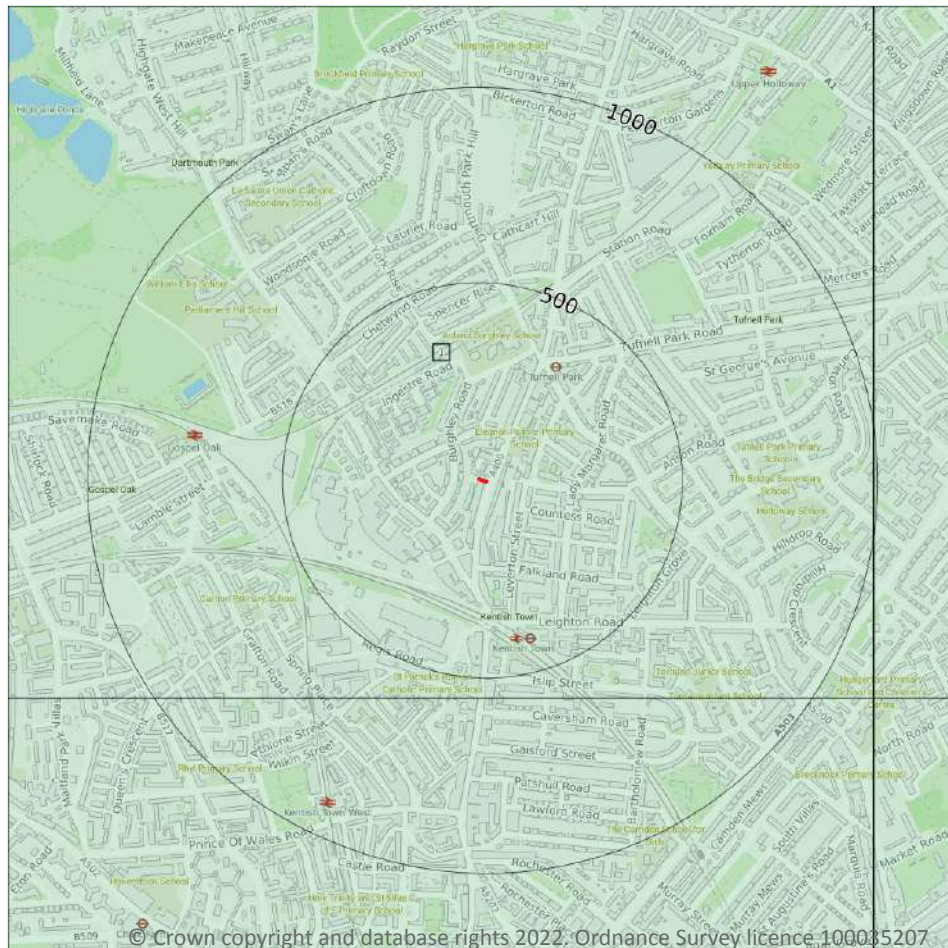
Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

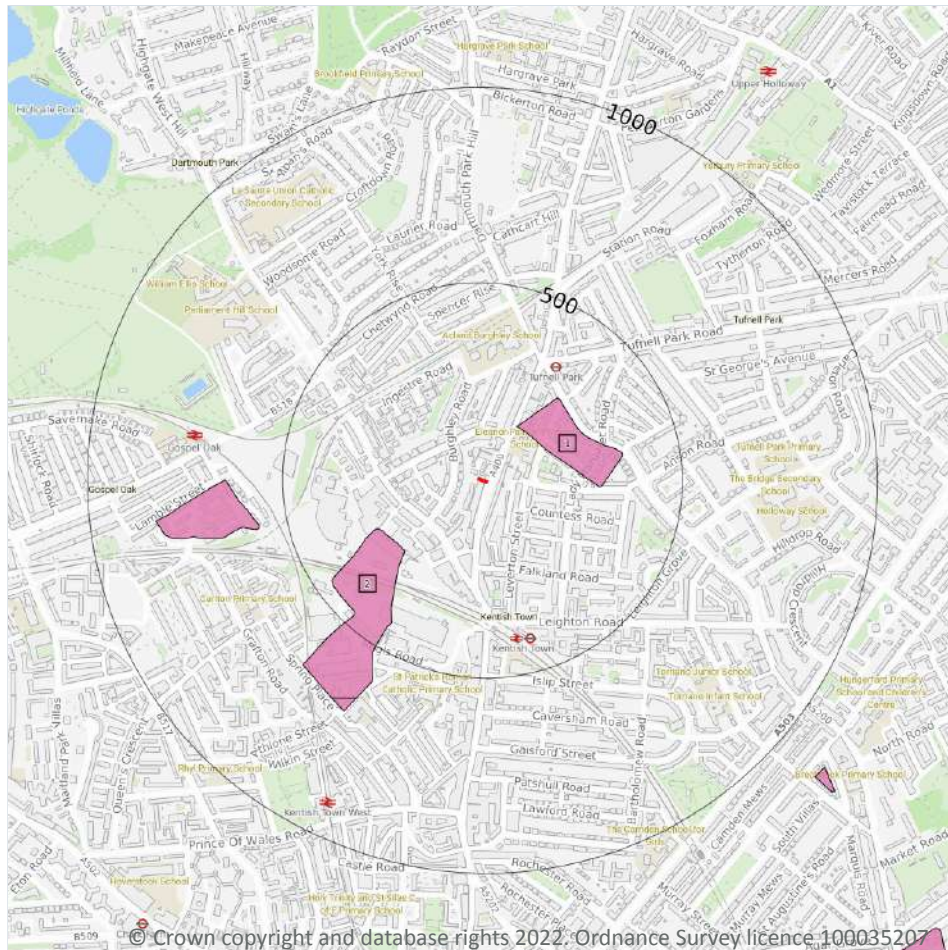
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 88**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ28NE

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



- Site Outline**
- Search buffers in metres (m)**
- Reclaimed ground
 - Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

2

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 89**

ID	Location	LEX Code	Description	Rock description
1	160m NE	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
2	261m SW	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

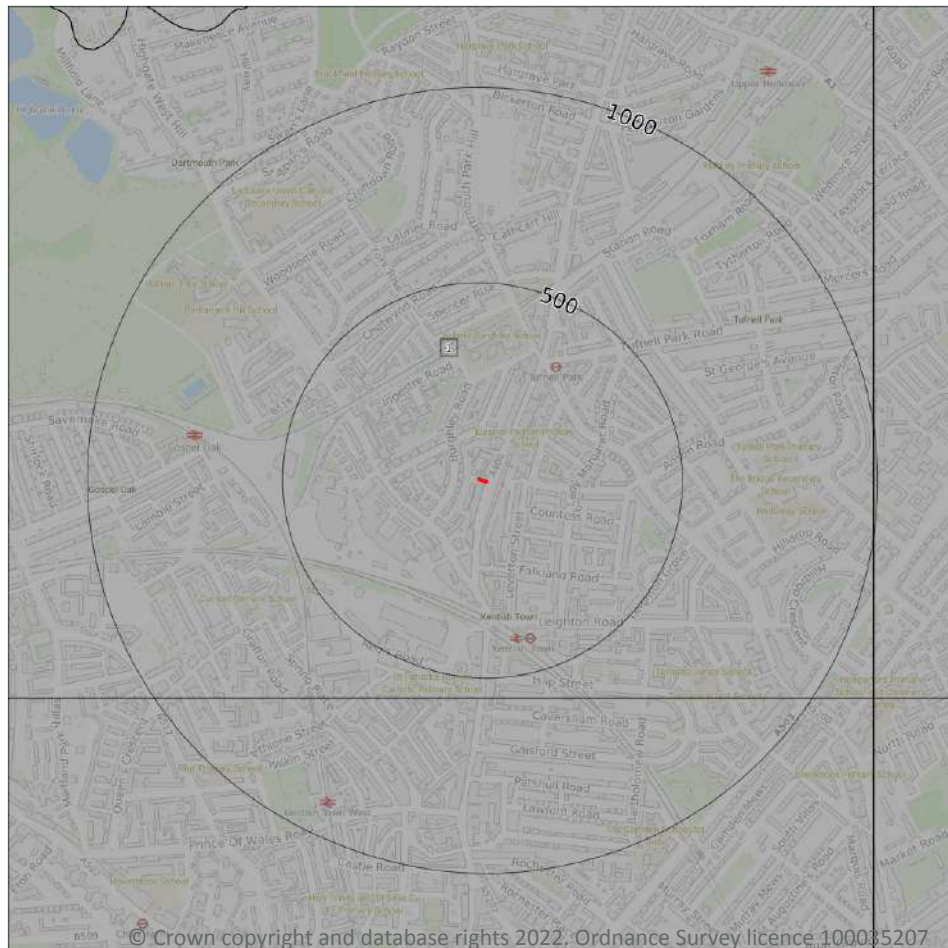
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

1

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 91**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-CLAY	London Clay Formation - Clay	Eocene Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

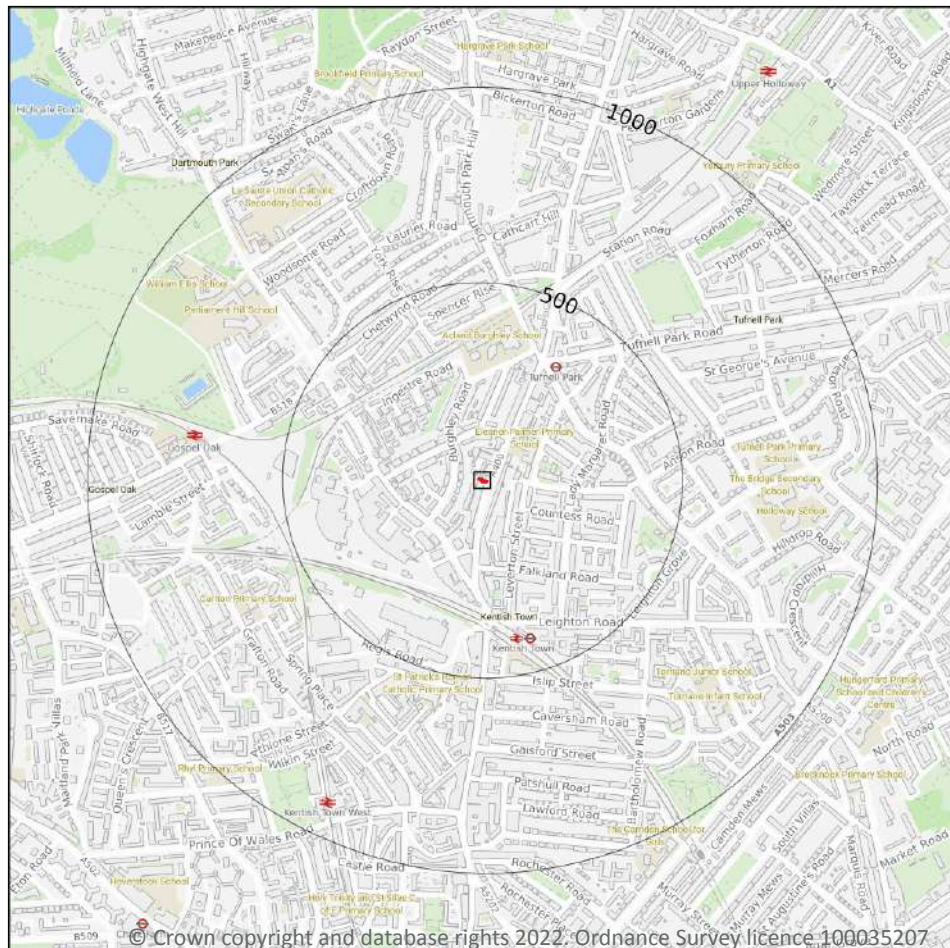
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

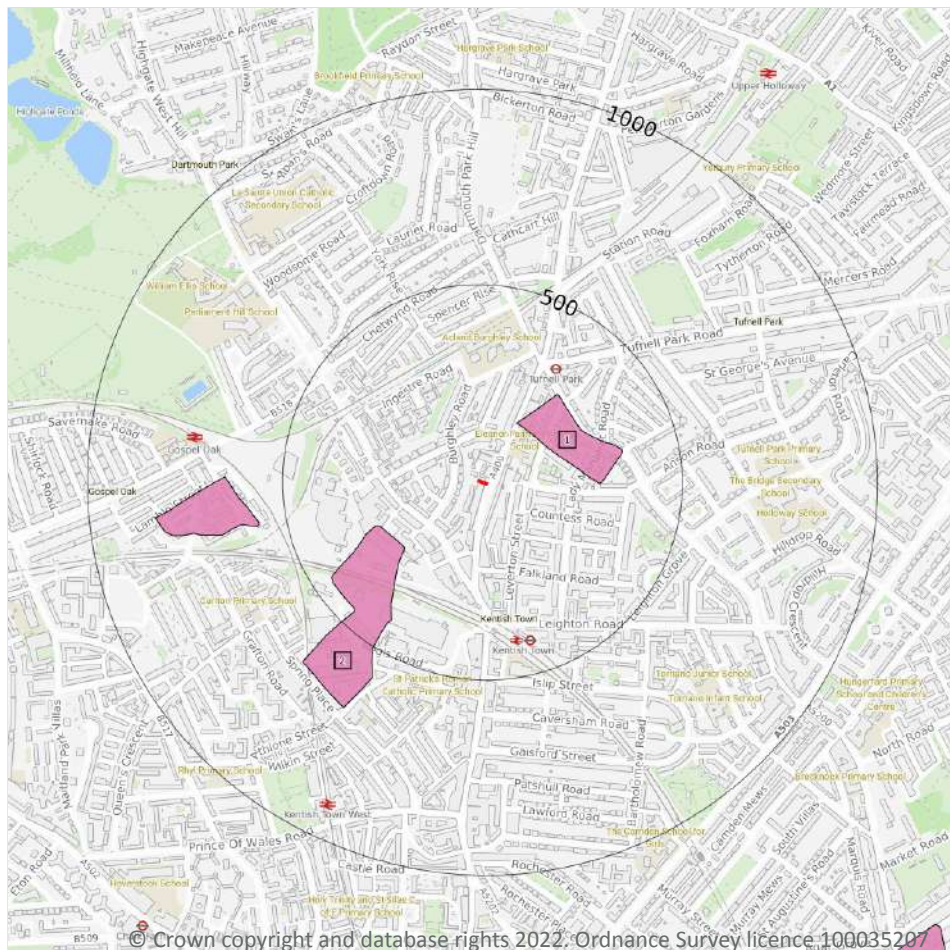
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 93**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW256_north_london_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline**
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

2

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 94**

ID	Location	LEX Code	Description	Rock description
1	170m NE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
2	252m SW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial

15.4 Superficial geology (50k)

Records within 500m

0

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

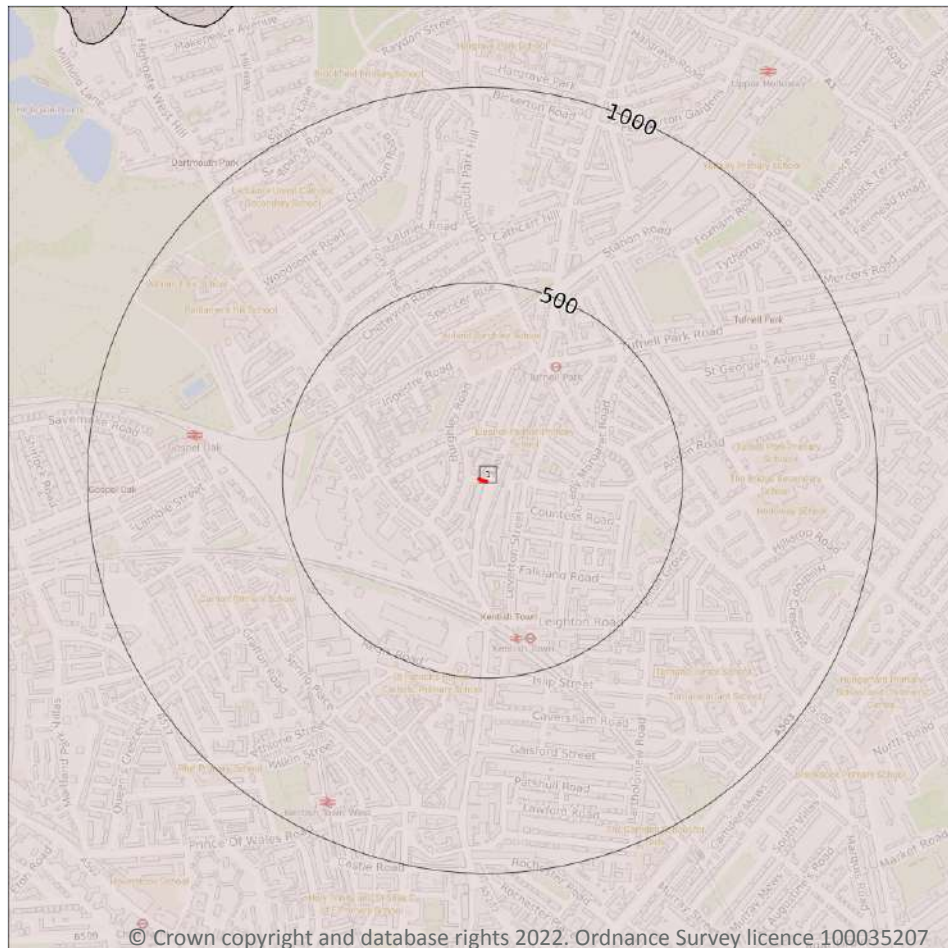
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

1

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 97**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m**1**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Moderate	Very Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

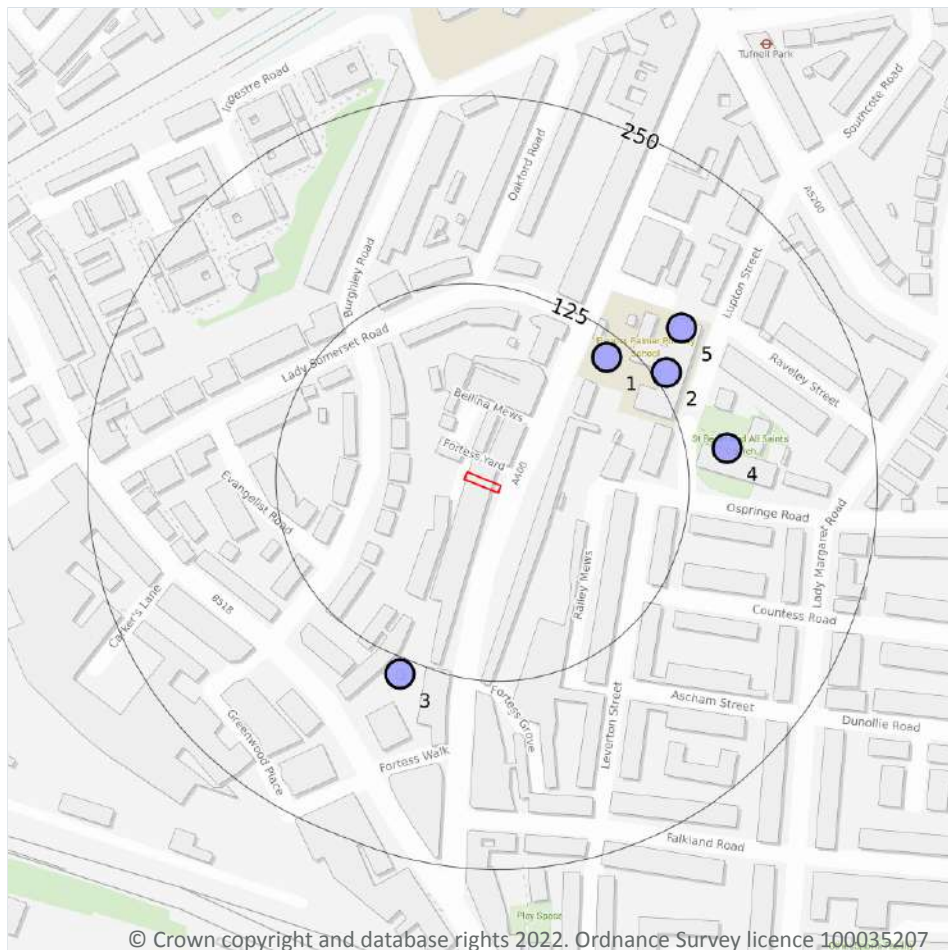
Records within 500m**0**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

5

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 99**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	110m NE	529080 185640	ELEANOR PALMER SCHOOL 3	7.62	N	590749
2	133m NE	529120 185630	ELEANOR PALMER SCHOOL 1	9.14	N	590747
3	136m S	528943 185430	KENTISH TOWN FIRE STATION	9.14	N	590631

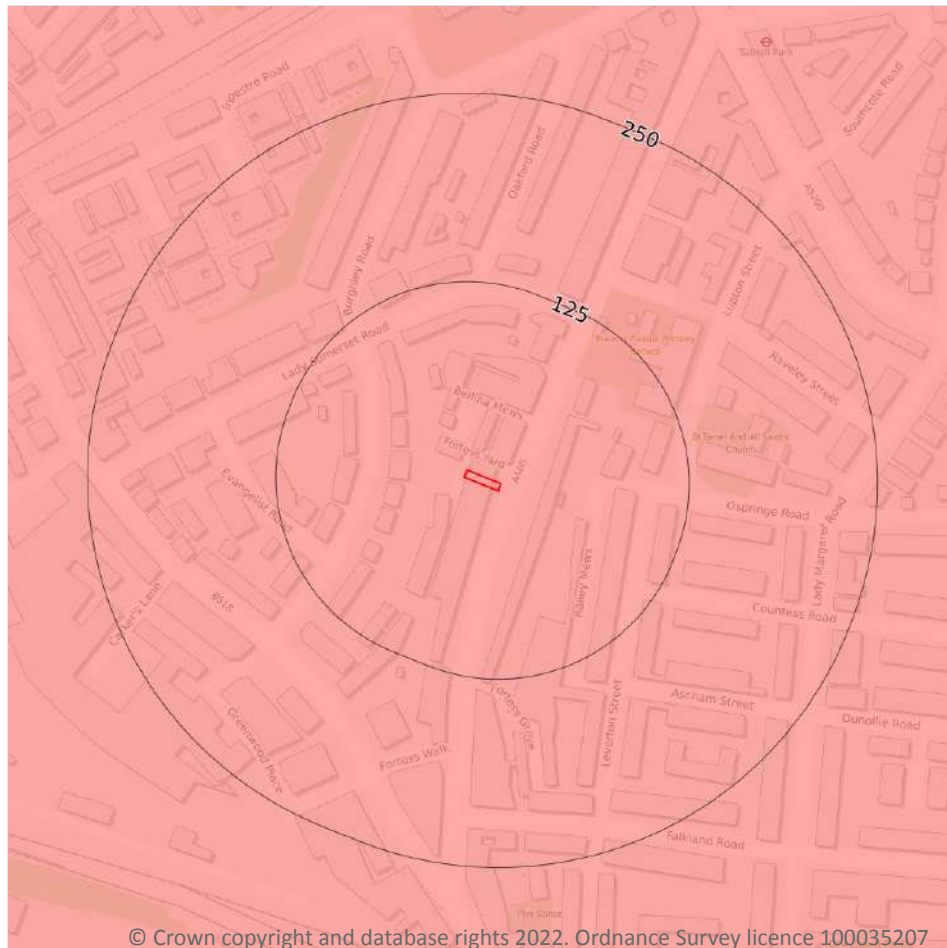


ID	Location	Grid reference	Name	Length	Confidential	Web link
4	152m E	529160 185580	ST BENETS CHURCH LUPTON ST	5.48	N	590607
5	160m NE	529130 185660	ELEANOR PALMER SCHOOL 2	8.23	N	590748

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



— Site Outline
Search buffers in metres (m)

- ☐ No data
- ☐ Negligible
- ☐ Very low
- ☐ Low
- ☐ Moderate
- ☐ High

© Crown copyright and database rights 2022. Ordnance Survey licence 100035207

17.1 Shrink swell clays

Records within 50m

1

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

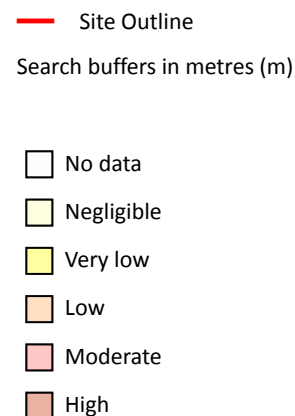
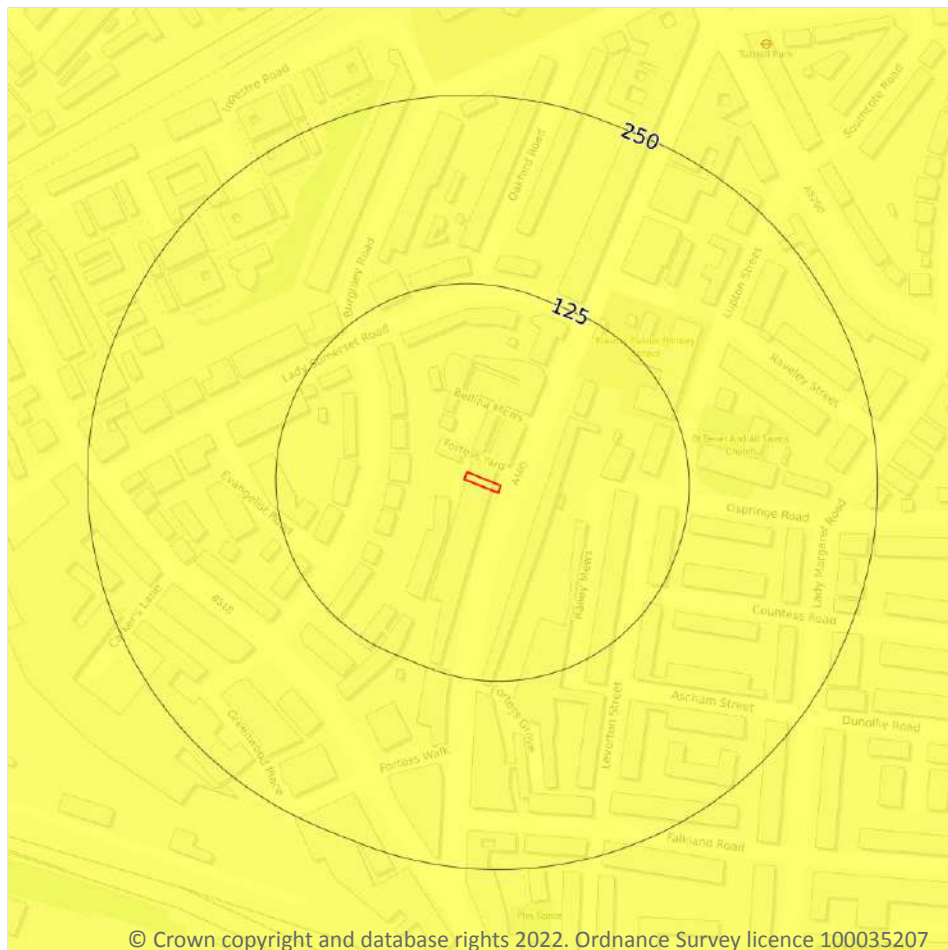
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 101**

Location	Hazard rating	Details
On site	Moderate	Ground conditions predominantly high plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



© Crown copyright and database rights 2022. Ordnance Survey licence 100035207

17.2 Running sands

Records within 50m

1

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

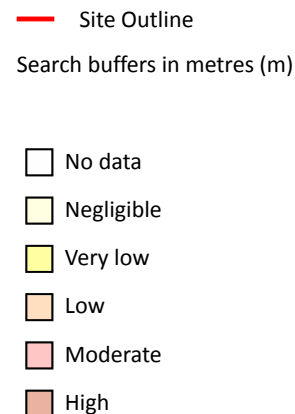
Features are displayed on the Natural ground subsidence - Running sands map on **page 102**

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



© Crown copyright and database rights 2022. Ordnance Survey licence 100035207

17.3 Compressible deposits

Records within 50m

1

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

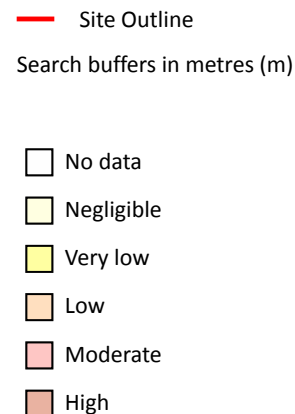
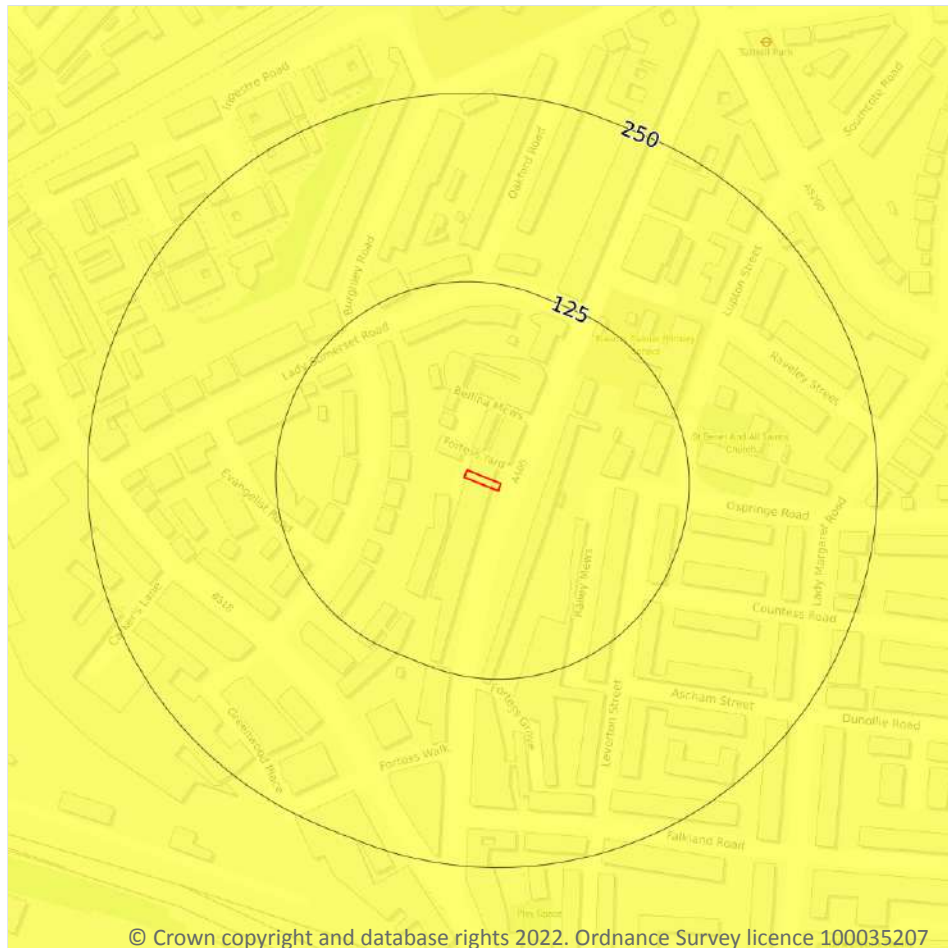
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 103**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



© Crown copyright and database rights 2022. Ordnance Survey licence 100035207

17.4 Collapsible deposits

Records within 50m

1

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

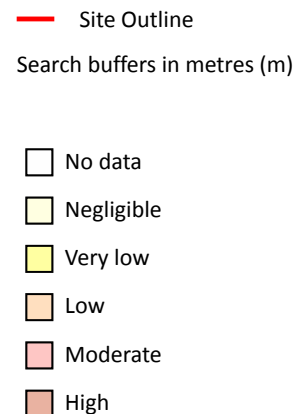
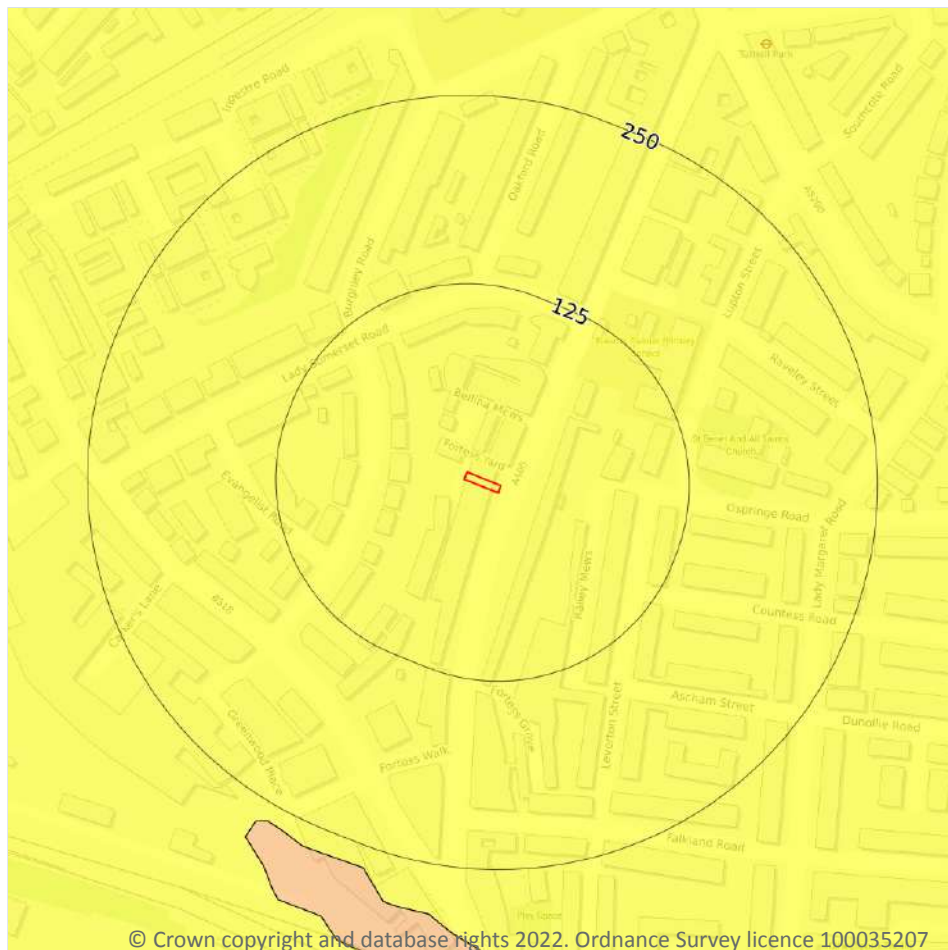
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 104**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 105**

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



© Crown copyright and database rights 2022. Ordnance Survey licence 100035207

17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

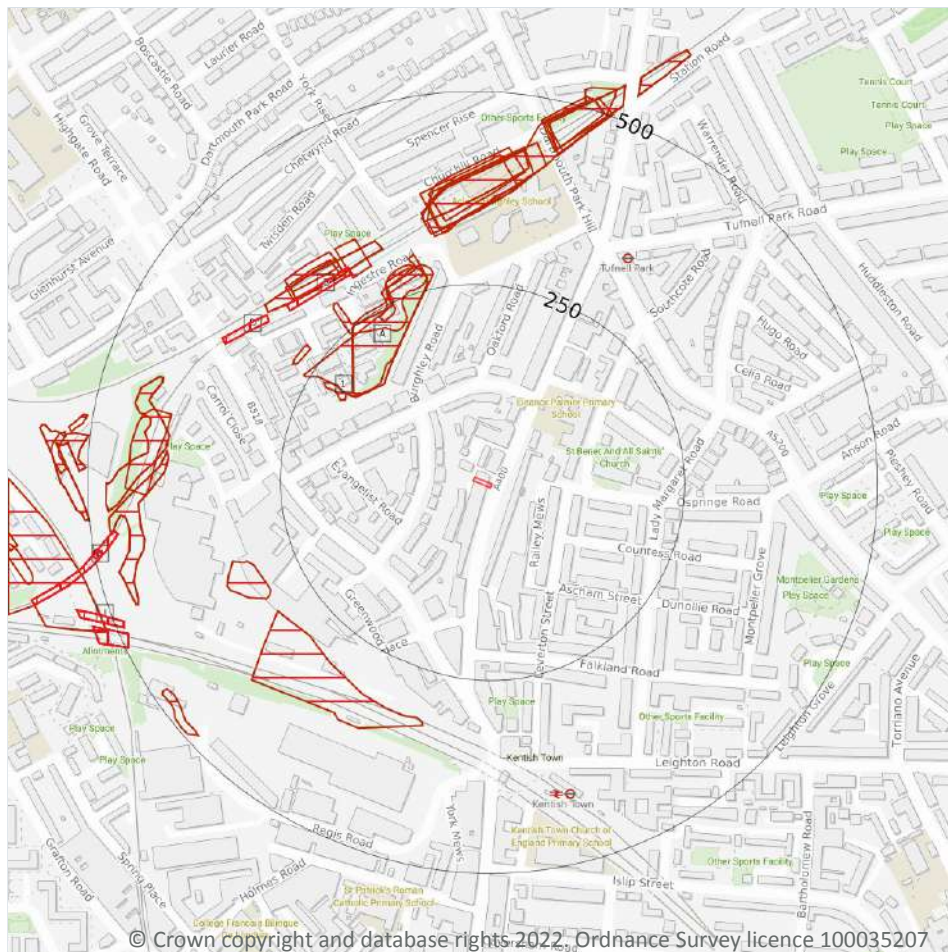
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 106**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

6

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 108**

ID	Location	Land Use	Year of mapping	Mapping scale
A	169m NW	Unspecified Heap	1958	1:10560
A	169m NW	Unspecified Heap	1965	1:10560
A	173m NW	Unspecified Heap	1938	1:10560
1	196m NW	Unspecified Ground Workings	1920	1:10560
A	214m NW	Unspecified Heap	1949	1:10560
A	233m NW	Unspecified Ground Workings	1920	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

24

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining, ground workings and natural cavities map on **page 108**

ID	Location	Land Use	Year of mapping	Mapping scale
B	308m NW	Tunnel	1965	1:10560
B	308m NW	Tunnel	1974	1:10000
B	308m NW	Tunnel	1958	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	334m NW	Tunnel	1965	1:10560
D	334m NW	Tunnel	1974	1:10000
D	334m NW	Tunnel	1958	1:10560
H	466m W	Tunnel	1965	1:10560
H	466m W	Tunnel	1974	1:10000
H	466m W	Tunnel	1995	1:10000
H	466m W	Tunnel	1958	1:10560
I	488m W	Tunnel	1965	1:10560
I	488m W	Tunnel	1974	1:10000
I	488m W	Tunnel	1995	1:10000
I	488m W	Tunnel	1958	1:10560
I	489m SW	Tunnel	1965	1:10560
I	489m SW	Tunnel	1974	1:10000
I	489m SW	Tunnel	1995	1:10000
I	489m SW	Tunnel	1958	1:10560
H	489m W	Unspecified Shaft	1974	1:10000
H	489m W	Unspecified Shaft	1995	1:10000
H	491m W	Unspecified Shaft	1965	1:10560
-	927m W	Tunnel	1965	1:10560
-	927m W	Tunnel	1974	1:10000
-	927m W	Tunnel	1995	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site

0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.



18.11 Gypsum areas

Records on site	0
-----------------	---

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

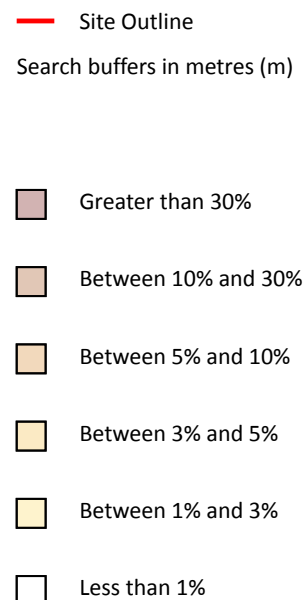
Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



19 Radon



19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 113**

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

3

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	No data	No data	No data	No data	No data	No data	No data
On site	No data	No data	No data	No data	No data	No data	No data
On site	No data	No data	No data	No data	No data	No data	No data

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

4

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	26	4.6	629	432	0.7	85	121	41	65
On site	28	4.9	782	537	0.8	83	151	43	89
36m NW	29	5.1	677	465	0.7	89	136	45	73
38m NE	32	5.6	973	668	0.9	87	189	49	113

This data is sourced from the British Geological Survey.



20.3 BGS Measured Urban Soil Chemistry

Records within 50m

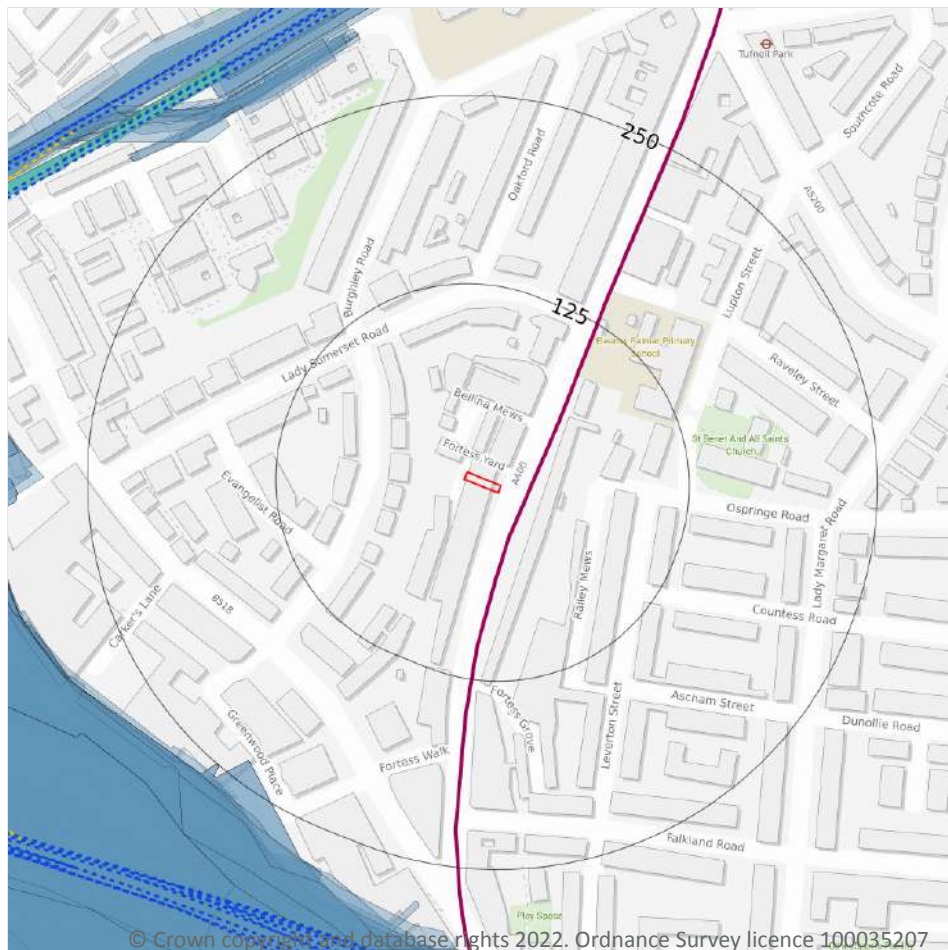
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)**
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 Underground railways (London)

Records within 250m

1

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

Features are displayed on the Railway infrastructure and projects map on **page 116**

Location	Line Name	Line Section	Track Type	Depth (m bgl)	Operational hours
17m E	Northern Line	Northern Line	Tunnel	27.74	Mon-Thu: Early 0512 Late 2358 Fri-Sun: Early 0522

This data is sourced from publicly available information by Groundsure.



21.2 Underground railways (Non-London)

Records within 250m**0**

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m**0**

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m**2**

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 116**

Location	Land Use	Year of mapping	Mapping scale
235m SW	Railway Sidings	1965	10560
235m SW	Railway Sidings	1958	10560

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m**0**

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.



21.6 Historical railways

Records within 250m**0**

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m**0**

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m**0**

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m**0**

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m**0**

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.

